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ORDER FOR SUPPLIES OR SERVICES SCHEDULE - CONTINUATION

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

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05/28/20	DER CONTRACT NO. 013 EP-C-12-053				ORDER I	NO.	
ITEM NO.	SUPPLIES/SERVICES	QUANTITY ORDERED		UNIT PRICE		AMOUNT (f)	QUANTITY ACCEPTED
(a)	Norton.douglas@Epa.gov Alternate TOPO: Sarah Furtak 202-566-1167 Furtak.sarah@Epa.gov TOPO: Doug Norton Max Expire Date: 09/27/2017 Admin Office:	ORDERED (c)	(d)	PRICE (e)		(f)	(g)
0001	Program (PRC): 202BE2 Budget (BOC): 2505 DCN - Line ID: 1287AE2010-001 Period of Performance: 05/28/2013 to 04/30/2014 Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152 Level of Effort: 970					(b)(4)	
	The government will make provisional fixed fee payments on the basis of percentage of work completed. For CPFF-term-type task orders, percentage of work completed is the ratio of direct labor hours performed to the direct labor hours ordered. Award Type: Cost-plus-fixed-fee Total Estimated Cost: Fixed Fee: Term Form (b)(4)	4					
	Funding for this task order is being allocated from the basic contract in the amount of \$50,000 Continued		,		¥		
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ORDER FOR SUPPLIES OR SERVICES SCHEDULE - CONTINUATION

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DATE OF OR	7 10 10 10 10 10 10 10 10 10 10 10 10 10	e.			ORDER		
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ITEM NO.	SUPPLIES/SERVICES	QUANTITY ORDERED		UNIT PRICE		AMOUNT	QUANTITY ACCEPTED
(a)	(b)	(c)	(d)	(e)		(f)	(g)
0002	Option Period 1 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152						
	Level of Effort: 970 Award Type: Cost-plus-fixed-fee Total Estimated Cost: (b)(4) Fixed Fee: (b)(4) Term Form (Option Line Item) 05/01/2014						
	Period of Performance: 05/01/2014 to 04/30/2015			12 14			
0003	Option Period 2 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152			e e	z.		
	Level of Effort: 970 Award Type: Cost-plus-fixed-fee Total Estimated Cost: (b)(4) Fixed Fee: (b)(4) Term Form (Option Line Item) 05/01/2015 Period of Performance: 05/01/2015 to 04/30/2016	*					, ,
0004	Option Period 3 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152	5					
	Level of Effort: 970 Award Type: Cost-plus-fixed-fee Total Estimated Cost: (b)(4) Fixed Fee: (b)(4) Term Form (Option Line Item) 05/01/2016 Period of Performance: 05/01/2016 to Continued						,
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ORDER FOR SUPPLIES OR SERVICES SCHEDULE - CONTINUATION

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(a) (b) (c) (d) (e) (f) 04/30/2017 0005 Option Period 4 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152 Level of Effort: 970 Award Type: Cost-plus-fixed-fee Total Estimated Cost: (b)(4) Fixed Fee: (b)(4) Term Form (Option Line Item) 05/01/2017 Period of Performance: 05/01/2017 to	QUANTITY ACCEPTED	AMOUNT			UNIT	QUANTITY		***************************************
Option Period 4 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152 Level of Effort: 970 Award Type: Cost-plus-fixed-fee Total Estimated Cost: (b)(4) Fixed Fee: (b)(4) Term Form (Option Line Item) 05/01/2017 Period of Performance: 05/01/2017 to	ACCEPTED (g)	(f)					(b)	(a)
accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152 Level of Effort: 970 Award Type: Cost-plus-fixed-fee Total Estimated Cost: (b)(4) Fixed Fee: (b)(4) Term Form (Option Line Item) 05/01/2017 Period of Performance: 05/01/2017 to							04/30/2017	
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PERFORMANCE WORK STATEMENT TSAWP Multiple-Award Contracts EP-C-12-053 Task Order 001

RECOVERY POTENTIAL SCREENING SUPPORT

A: BACKGROUND

This Task Order will support EPA in assisting Recovery Potential Screening (RPS) efforts in states. Contractor-assisted RPS support from EPA to states dates back to 2005 and has involved projects in 8 states during the past year. Additional projects in new and existing states are anticipated during the next several years.

Recovery Potential Screening (RPS) is a technical assessment method for systematically comparing relative restorability among many different impaired waters or watersheds based on multi-metric indices drawn mostly from landscape and monitoring data. The screening is usually performed to identify more restorable waters that are good candidates for restoration investments. The RPS method can be customized to a wide variety of comparative assessment and decision support uses. RPS is applicable for setting priorities among 303(d) listed waters or watersheds, determining the prioritized schedule of TMDL development, setting priorities for TMDL implementation, and developing other restoration strategies that can be optimized by careful consideration of restorability and its interplay with other factors. Recovery potential screening has already been demonstrated in several states and thoroughly documented in an EPA website (see http://www.epa.gov/recoverypotential).

Most RPS projects are comprehensive, multi-purpose statewide efforts in which EPA and the contractor facilitate identification of the state's intended uses of RPS, identify appropriate metrics, gather and measure data, demonstrate RPS techniques in state workshops, and transfer RPS tools and data products. Projects also can be more narrowly defined, as in the 2012-2013 multi-state demonstration of RPS as a general framework for watershed prioritization intended to encourage development and implementation of effective state strategies for managing nitrogen and phosphorus pollution. Either or both types of project may require support under this Task Order.

Below are descriptions of five tasks under this Task Order. Tasks 2 through 4 are state project-specific and would be repeated for each individual state project; Tasks 1 and 5 are not individual state project-specific. Tasks 2, 3 and 4 constitute most of the level of effort, estimated by EPA as 15% Task 2, 50% Task 3 and 20% Task 4, with Tasks 1 and 5 as the remaining 15% of the level of effort. The contractor shall provide RPS support to EPA in specific state projects in the Base Period and in each Option Period, as described in the Tasks below. All deliverables must be in an electronic format supportable by EPA at the end of the period of performance for this Task Order.

B: TASKS

Task 1. Quality Management Plan, QAPP and progress reports

The contractor shall adhere to its Quality Management Plan that is customized for this contract. In addition, this Task Order involves the use of existing data. Accordingly, EPA policy requires that an *approved* Quality Assurance Project Plan (QAPP) be in place before any work begins that involves the collection, generation, evaluation, analysis or use of environmental data. Previous RPS contractor assignments have resulted in the development of QAPPs that comprehensively and adequately address all the elements of statewide RPS projects, and these QAPPs are identified below* and are included as attachments to the PWS.

Therefore, in order to comply with this requirement, the contractor shall follow the applicable QAPP consistent with *EPA Requirements for Quality Assurance Project Plans: EPA QA/R-5* (http://www.epa.gov/quality/qs-docs/r5-final.pdf). All QA documentation prepared under this Task Order shall be considered non-proprietary, and shall be made available to the public upon request. The contractor shall immediately notify the EPA TOPO of any QA problems encountered that may impact the performance of this Task Order, with recommendations for corrective action.

The contractor also shall provide EPA with monthly reports of QA-related activities performed during implementation of this Task Order. These monthly QA reports shall identify QA activities performed to support implementation of this Task Order, problems encountered, and corrective actions taken. The contractor may include this as a part of the contract-required monthly financial/technical progress report.

Existing QAPPs can need updates if changes that affect QA steps have occurred. Contractor QMPs are periodically revised which may or may not affect an existing QAPP from an earlier year. Ongoing usage of QAPPs under this Task Order also can reveal the need for any updates. The contractor shall review the existing QAPP, check for necessary revisions based on the factors above, and report in writing to the TOPO on the necessity of any updates or modifications. The contractor also shall notify the EPA TOPO at any time during the Task Order if changes to the QAPP are warranted (e.g., due to organizational changes, revised technical approaches). If, during the Period of Performance of this Task Order, the EPA TOPO determines revisions to the QAPP are necessary, the contractor shall submit a revised QAPP, including the revision summary, within 10-15 business days after receiving written technical direction to do so. The contractor shall provide a revised QAPP, then a final that responds to EPA's written comments within 5 business days of receipt of EPA's comments on the draft.

In addition to the brief monthly reports required by the contract, the contractor shall also transmit to the EPA TOPO a brief, emailed progress report twice an option year. These reports are due no less than 60 days before the halfway point, and 60 days before the end, of the Task's current option year. This report shall summarize the status of all RPS activities and related funding under this Task up to the report date, and estimate the projected activities and related funding that is expected to be used in the ensuing 60-day period.

Task 1 Deliverables:

- 1a. Written summary of QAPP update check.
- 1b. QAPP update, only if requested through Technical Direction.
- 1c. Progress report pre-midyear

- 1d. Progress report pre-end of year
- 1e. Monthly progress reports per contract requirement

* The QAPPs are:

Filename RPS QAPP 110317.PDF: "Recovery Potential Screening Quality Assurance Project Plan" Task Order 0024 and 0035, Contract EP-C-08-002, March 16, 2011. (18 pp)

Filename FINAL QAPP WITH SIGNATURES RECOVERY WEBSITE.PDF: "Quality Assurance Project Plan for Recovery Potential Website Support" Work Assignment 02, Contract EP-C-11-019, June 23, 2011. (30 pp)

Task 2: RPS Project Kickoff

This Task is project-specific, meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPO through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOPO. Three RPS projects are anticipated for this Task Order per period. The TOPO will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

The contractor shall support RPS project initiation activities as described on the RPS website (Reference PWS Section A: Background) in steps 1 and step 2 (through 'select candidate indicators'). EPA only may identify states or other clients for which RPS project support shall occur. The Contractor shall be responsible for arranging and carrying out project kickoff elements as described in this Task Order. Typically the kickoff phase involves EPA, contractor and state involvement in:

- One to two conference calls and supporting email dialogue to plan a kickoff event;
- Preparation of agenda, handouts and available boilerplate presentation materials;
- Contractor travel for an RPS expert and GIS expert to a state hosted location;
- A day-long project kickoff meeting to overview the project, identify all possible RPS applications of interest to the state, and identify relevant recovery potential metrics and data sources;
- Processing of meeting notes into an RPS applications list and RPS candidate metrics spreadsheet; and
- Follow-up communications as needed to share and refine above materials.

Task 2 Deliverables (per project):

- 2a. Kickoff meeting prep materials package
- 2b. Facilitated onsite kickoff meeting
- 2c. RPS applications list (format provided by TOPO)
- 2d. RPS candidate metrics spreadsheet (format provided by TOPO)

TASK 3: Recovery Potential Metrics Compilation

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPO through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOPO. Three RPS projects are anticipated for this Task Order per period. The TOPO will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

Based on the information gathered in Task 2, for each RPS project the contractor shall continue to support RPS project steps 2 through 4 as detailed online. This Task is usually the bulk of effort in any RPS project, and involves substantial interaction with state and other data source owners, communication to finalize how specific indicators will be measured (may involve 2 or more iterations of an indicators status spreadsheet while under development), and substantial time measuring and compiling indicators into a master RPS database file. The RPS database shall be a geospatial database in file formats supported by EPA and the state client (e.g., ESRI file geodatabase). The contractor shall document all assumptions and methods used in measuring indicators. At any point during development, the draft master attributes file (RPS indicator values for all watersheds being screened) shall be available in spreadsheet format upon request for circulation among project participants. Under this Task, all candidate metrics identified in Task 2 should eventually be compiled, altered, or rejected, with TOPO approval. Near or at this completion stage, the contractor shall also demonstrate the RPS scoring tool using an example application of interest and a selection of appropriate metrics available for the state, providing this to EPA and the state as a first demonstration of the draft RPS database. Note that some uncertainty in duration of this project phase is likely due to variable state availability, capacity, or data source issues, any of which can disrupt rigid project timelines.

Task 3 Deliverables (per project):

- 3a. RPS indicators status spreadsheet;
- 3b. RPS metrics master database file (attributes spreadsheet);
- 3c. Assumptions and methods used in measuring RPS metrics;
- 3d. Initial RPS scoring demonstration for client state

TASK 4: RPS Workshop and Tech Transfer

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPO through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOPO. Three RPS projects are assumed anticipated for this Task Order per period. The TOPO will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

At the point of RPS database completion or near-completion a tech transfer workshop shall be arranged and carried out by the contractor in coordination with EPA and the state participants, as an onsite, two-day event. This event reconvenes the participants in the state kickoff meeting to:

- Present the database developed from their kickoff specifications;
- Refresh the RPS techniques and applications of interest to the state;
- Carry out and personally assist hands-on training exercises using state RPS data;
- Archive all state applications files (screening purpose, indicators selected, weights, watersheds screened, results files including scoring spreadsheets, bubble plots and maps) carried out during workshop exercises – delivered to EPA TOPO;
- Compile a follow-up summary of the workshop transmitting files of interest (e.g., RPS products from workshop exercises, any follow-up actions) to participants.

The transfer workshop shall also identify opportunities for a last round of data compilation or applications assistance that may help the state apply RPS. These additional data development tasks may be authorized by the TOPO through written Technical Direction only. When the project is considered essentially complete according to the TOPO, the contractor shall copy the entire file geodatabase (or other format approved by TOPO) to the EPA and the state.

Task 4 Deliverables (per project):

- 4a. Workshop materials package development;
- 4b. Facilitated onsite two-day workshop;
- 4c. Archived workshop applications files;
- 4d. Follow-up workshop summary;
- 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state.

TASK 5: Recovery Potential Tools, Data and Methods Improvements

This Task is not project-specific, and covers contractor support for specific RPS improvements authorized by the TOPO only through written Technical Direction.

A variety of RPS tools and information resources have been developed over the years to assist state RPS users. Needs to revise and improve RPS tools may arise from time to time, but the specifics cannot be predicted in advance. Thus, this Task Order describes the main areas of potential improvements at a general level of detail with clarifying details to be provided through Technical Direction. Specific improvements in any of these areas shall be carried out by the contractor only if directed by the TOPO through written Technical Direction that will clarify the details in one or more of the general topic areas discussed below:

A. Website revisions

The contractor shall support changes as required by the EPA TOPO to correct or improve the website's functionality, if user feedback to EPA reveals any such needs. The RPS website contains a variety of technical tools and informational resources designed to help states assess and compare the restorability of their impaired waters. These resources include but are not limited to: screening methodology directions, recovery potential indicators lists, indicator reference sheets, a recovery literature database, results plotting tools, index calculation tools, screening project reports and papers, and links to related tools from other websites. If directed, the contractor shall develop replacements or additions to the website in formats that can be

reviewed and approved by the EPA TOPO and then transferred to the EPA web group with an EPA request for website modification.

B. Tool enhancements

Example tools include the RPS auto-scoring spreadsheet, the bubble-plotting script (see website), and ArcGIS processing methods or tools developed for measuring RPS indicators. If directed, the contractor shall improve the functionality of the recovery potential scoring spreadsheet, the results plotting program, or other existing or new RPS tools that will help RPS users calculate and display their own recovery potential screening results.

C. Information resources improvements

Examples of RPS information resources include recovery potential indicators, indicator reference sheets, and the Restoration and Recovery Literature Database (see website). The contractor shall continue adding to the content of existing and/or new indicators and their related indicator reference sheets if directed. The enhancements may include adding more bulletized excerpts from technical publications, measurement technique options for each indicator, and specific URL hot links to commonly available data sources. The contractor shall also incrementally add to the Restoration and Recovery Literature Database, by adding papers used and referenced in the indicator reference sheets; additional papers may be provided by the EPA TOPO or found by the contractor if requested by the TOPO through technical direction to search the technical literature and other sources. The most recent version of the Database shall be updated prior to the end of the Task Order project period.

D. Methodology improvements

The contractor shall revise and improve specific components of the screening methodology if directed. Examples of methodological components that may be selected for improvement are: brief written directions for correlation analysis among the indicators; a brief written approach for weighting indicators; a brief written account of statistical applications that could be used with screening results; and, other small methodological components that can be improved.

E. Data sources

The GIS data often used in RPS projects are often available as national datasets from which the same RPS indicator may be calculated the same way in several individual state projects. It is generally cost-effective to track the availability of existing metrics already measured on a watershed basis, as well as to nationally measure an indicator that is highly likely to be used in multiple state projects. If directed, the contractor shall make national-scale indicator datasets available to EPA and to multiple RPS projects by one or more of the following:

- Summarize contact information and data access procedures for existing, publicly available datasets already measured on a commonly used geospatial unit (e.g., HUC8, HUC12, catchment);
- Obtain national-scale indicator datasets useful for RPS and measure indicator values on a commonly used geospatial unit;
- Document the processing method (e.g., create an ArcGIS model) tracing the steps for measuring the indicator value
- Combine multiple national datasets in order to measure a new indicator or index value on a commonly used geospatial unit.

Task 5 Deliverables:

- 5a. RPS website improvements, if specified in written Technical Direction by EPA TOPO
- 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOPO
- 5c. RPS information resources improvements, if specified in written Technical Direction by EPA TOPO
- 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO
- 5e. RPS nationally measured datasets and related measurement tools or methods, if specified in written Technical Direction by EPA TOPO

C. SCHEDULE OF BENCHMARKS, DELIVERABLES & MILESTONES:

	Base Period: 12 months					
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE				
1	1a. Written summary of QAPP update check.	Within 30 days of TO Award				
1	1b. QAPP update, if requested through Technical Direction.	10-15 business days after receipt of written technical direction				
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of base year				
1	1d. Progress report pre-end of year	NLT 60 days prior to end of base year				
1	1e. Monthly progress reports per contract requirement	As specified in contract				
2 - 4	STATE 1 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 0 — Day 180 of Task year				
2 - 4	STATE 2 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 90– Day 270 of Task year				
2 - 4	STATE 3 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 180 – Day 360 of Task year				
	STATE PROJECT DETAILED DELIVERABLES AND MILESTONES					
2	2a. Kickoff meeting prep materials package	Within 5 days of beginning of each state project				
2	2b. Facilitated onsite kickoff meeting	Within 30 days of beginning of each state project				
2	2c. RPS applications list (format provided by TOPO)	Within 10 days after kickoff meeting				
2	2d. RPS candidate metrics spreadsheet (format provided by TOPO)	Within 10 days after kickoff meeting				
3	3a. RPS indicators status spreadsheet	5 business days after receipt of written technical direction [incrementally as needed]				

3	3b. RPS metrics master database file (attributes	Within 120 days of beginning of
	spreadsheet)	each state project
3	3c. Assumptions and methods used in measuring	Within 120 days of beginning of
	RPS metrics;	each state project
3	3d. Initial RPS scoring demonstration for client	Within 130 days of beginning of
0	state	each state project
4	4a. Workshop materials package development;	Within 140 days of beginning of
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	each state project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of
•		each state project
4	4c. Archived workshop applications files	Within 10 days after meeting [day
-	-re. Aleinved Workshop applications mes	170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [day
4	4a. Follow-up workshop summary	170]
4	4e. Transfer of RPS file geodatabase and	Within 180 days of beginning of
4	supporting metadata to EPA and state	each state project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	PERIOD AS NEEDED
5	5a. RPS website improvements, if specified in	10-15 business days after receipt
3	written Technical Direction by EPA TOPO	of written technical direction
5	5b. RPS tool enhancements, if specified in written	10-15 business days after receipt
3	Technical Direction by EPA TOPO	of written technical direction
F	5c. RPS information resources improvements, if	10-15 business days after receipt
5	specified in written Technical Direction by TOPO	of written technical direction
	5d. RPS methodology improvements, if specified in	10-15 business days after receipt
5	written Technical Direction by EPA TOPO	of written technical direction
	5e. RPS nationally measured datasets and related	10.15 husings days often receipt
5	tools/methods, if specified in written Technical	10-15 business days after receipt
	Direction by EPA TOPO	of written technical direction
300.00	Option Period 1: 12 months	
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
		Within 30 days of beginning of
1	1a. Written summary of QAPP update check.	new Option Period
	1b. QAPP update, if requested through Technical	10-15 business days after receipt
1	Direction.	of written technical direction
		NLT 60 days prior to midpoint of
1	1c. Progress report pre-midyear	option year
	1d. Progress report pre-end of year	NLT 60 days prior to end of option
1		year
	1e. Monthly progress reports per contract	
1	requirement	As specified in contract
	STATE 4 PROJECT	
2 - 4	(see detailed deliverables 2a thru 4e below; these	Day 0 – Day 180 of Task year
	are repeated for each state project allowing for	Day Day 100 of Tuok your
	are repeated for each state project anowing for	

	different start times during the Task year)	
	STATE 5 PROJECT	
	(see detailed deliverables 2a thru 4e below; these	
2 - 4	are repeated for each state project allowing for	Day 90- Day 270 of Task year
	different start times during the Task year)	*
	STATE 6 PROJECT	
	(see detailed deliverables 2a thru 4e below; these	9
2 - 4	are repeated for each state project allowing for	Day 180 – Day 360 of Task year
	different start times during the Task year)	
	STATE PROJECT DETAILED DELIVERABLES AN	D MILESTONES
an (and the Paragon Later Hossie	2a. Kickoff meeting prep materials package	Within 5 days of beginning of new
2	and the state of t	State project
_		Within 30 days of beginning of
2	2b. Facilitated onsite kickoff meeting	new State project
	2c. RPS applications list (format provided by	
2	TOPO)	Within 10 days of kickoff meeting
2	2d. RPS candidate metrics spreadsheet (format	Mithin 10 days of kickoff monting
2	provided by TOPO)	Within 10 days of kickoff meeting
		5 business days after receipt of
3	3a. RPS indicators status spreadsheet	written technical direction
, , , , , , , , , , , , , , , , , , , ,		[incrementally as needed]
3	3b. RPS metrics master database file (attributes	Within 120 days of beginning of
J	spreadsheet)	new State project
3	3c. Assumptions and methods used in measuring	Within 120 days of beginning of
	RPS metrics;	new State project
3	3d. Initial RPS scoring demonstration for client	Within 130 days of beginning of
	state	new State project
4	4a. Workshop materials package development;	Within 140 days of beginning of
		new State project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of
		new Option Period
4	4c. Archived workshop applications files	Within 10 days after meeting [day
		170] Within 10 days after meeting [day
4	4d. Follow-up workshop summary	170
	4e. Transfer of RPS file geodatabase and	Within 180 days of beginning of
4	supporting metadata to EPA and state	new state project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	
	5a. RPS website improvements, if specified in	10-15 business days after receipt
5	written Technical Direction by EPA TOPO	of written technical direction
	5b. RPS tool enhancements, if specified in written	10-15 business days after receipt
5	Technical Direction by EPA TOPO	of written technical direction
	5c. RPS information resources improvements, if	10-15 business days after receipt
5	specified in written Technical Direction by TOPO	of written technical direction
<u> </u>	the site of the contract of th	

5	5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO	10-15 business days after receipt of written technical direction
5	5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO	10-15 business days after receipt of written technical direction
	Option Period 2: 12 months	
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
1	1a. Written summary of QAPP update check.	Within 30 days of beginning of new Option Period
1	1b. QAPP update, if requested through Technical Direction.	10-15 business days after receipt of written technical direction
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of option year
1	1d. Progress report pre-end of year	NLT 60 days prior to end of option year
1	1e. Monthly progress reports per contract requirement	As specified in contract
2 - 4	STATE 7 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 0 – Day 180 of Task year
2 - 4	STATE 8 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 90— Day 270 of Task year
2 - 4	STATE 9 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 180 – Day 360 of Task year
	STATE PROJECT DETAILED DELIVERABLES AN	D MILESTONES
2	2a. Kickoff meeting prep materials package	Within 5 days of beginning of new State project
2	2b. Facilitated onsite kickoff meeting	Within 30 days of beginning of new State project
2	2c. RPS applications list (format provided by TOPO)	Within 10 days after kickoff meeting
2	2d. RPS candidate metrics spreadsheet (format provided by TOPO)	Within 10 days after kickoff meeting
3	3a. RPS indicators status spreadsheet	5 business days after receipt of written technical direction [incrementally as needed]
3	3b. RPS metrics master database file (attributes spreadsheet)	Within 120 days of beginning of new State project

3	3c. Assumptions and methods used in measuring RPS metrics;	Within 120 days of beginning of new State project
3	3d. Initial RPS scoring demonstration for client state	Within 130 days of beginning of new State project
4	4a. Workshop materials package development;	Within 140 days of beginning of new State project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of new State project
4	4c. Archived workshop applications files	Within 10 days after meeting [day 170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [day 170]
4	4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state	Within 180 days of beginning of new State project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	
	5a. RPS website improvements, if specified in	10-15 business days after receipt
5	written Technical Direction by EPA TOPO	of written technical direction
_	5b. RPS tool enhancements, if specified in written	10-15 business days after receipt
5	Technical Direction by EPA TOPO	of written technical direction
	5c. RPS information resources improvements, if	10-15 business days after receipt
5	specified in written Technical Direction by TOPO	of written technical direction
	5d. RPS methodology improvements, if specified in	10-15 business days after receipt
5	written Technical Direction by EPA TOPO	of written technical direction
5	5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO	10-15 business days after receipt of written technical direction
	Option Period 3: 12 months	
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
1	1a. Written summary of QAPP update check.	Within 30 days of beginning of new Option Period
1	1b. QAPP update, if requested through Technical Direction.	10-15 business days after receipt of written technical direction
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of option year
1	1d. Progress report pre-end of year	NLT 60 days prior to end of option year
1	1e. Monthly progress reports per contract requirement	As specified in contract
2 - 4	STATE 10 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 0 – Day 180 of Task year
2 - 4	STATE 11 PROJECT	Day 90- Day 270 of Task year
		L

	(see detailed deliverables 2a thru 4e below; these	
	are repeated for each state project allowing for	
,	different start times during the Task year)	
	STATE 12 PROJECT	, *
2 - 4	(see detailed deliverables 2a thru 4e below; these	Day 180 – Day 360 of Task year
	are repeated for each state project allowing for	
Subject to the subject of the subjec	different start times during the Task year)	**************************************
	STATE PROJECT DETAILED DELIVERABLES AN	
2	2a. Kickoff meeting prep materials package	Within 5 days of beginning of new
_	Tar maker meeting propriate partials	State project
2	2b. Facilitated onsite kickoff meeting	Within 30 days of beginning of
		new State project
2	2c. RPS applications list (format provided by	Within 10 days after kickoff
_	TOPO)	meeting
2	2d. RPS candidate metrics spreadsheet (format	Within 10 days after kickoff
	provided by TOPO)	meeting
		5 business days after receipt of
3	3a. RPS indicators status spreadsheet	written technical direction
		[incrementally as needed]
3	3b. RPS metrics master database file (attributes	Within 120 days of beginning of
3	spreadsheet)	new State project
3	3c. Assumptions and methods used in measuring	Within 120 days of beginning of
3	RPS metrics;	new State project
3	3d. Initial RPS scoring demonstration for client	Within 130 days of beginning of
.	state	new State project
4	4a. Workshop materials package development;	Within 140 days of beginning of
-	4a. Workshop materials package development,	new State project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of
	45. Facilitated offsite two day workshop	new State project
4	4c. Archived workshop applications files	Within 10 days after meeting [day
	40. Alcinved Workshop applications mes	170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [day
7	4u. I ollow-up workshop summary	170]
4	4e. Transfer of RPS file geodatabase and	Within 180 days of beginning of
7	supporting metadata to EPA and state	new State project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	CiG. 1-4-III (AA 14-2-III (A
5	5a. RPS website improvements, if specified in	10-15 business days after receipt
<u> </u>	written Technical Direction by EPA TOPO	of written technical direction
5	5b. RPS tool enhancements, if specified in written	10-15 business days after receipt
<u> </u>	Technical Direction by EPA TOPO	of written technical direction
5	5c. RPS information resources improvements, if	10-15 business days after receipt
	specified in written Technical Direction by TOPO	of written technical direction
5	5d. RPS methodology improvements, if specified in	10-15 business days after receipt
3	written Technical Direction by EPA TOPO	of written technical direction

5	5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO	10-15 business days after receipt of written technical direction			
Option Period 4: 11 months					
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE			
1	1a. Written summary of QAPP update check.	Within 30 days of beginning of new Option Period			
1	1b. QAPP update, if requested through Technical Direction.	10-15 business days after receipt of written technical direction			
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of option year			
1	1d. Progress report pre-end of year	NLT 60 days prior to end of option year			
1	1e. Monthly progress reports per contract requirement	As specified in contract			
2 - 4	STATE 13 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 0 – Day 180 of Task year			
2 - 4	STATE 14 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 90— Day 270 of Task year			
2 - 4	STATE 15 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 180 – Day 360 of Task year			
	STATE PROJECT DETAILED DELIVERABLES AN	DMNESTONES			
2	2a. Kickoff meeting prep materials package	Within 5 days of beginning of new State project			
2	2b. Facilitated onsite kickoff meeting	Within 30 days of beginning of new State project			
2	2c. RPS applications list (format provided by TOPO)	Within 10 days after kickoff meeting			
2	2d. RPS candidate metrics spreadsheet (format provided by TOPO)	Within 10 days after kickoff meeting			
3	3a. RPS indicators status spreadsheet	5 business days after receipt of written technical direction [incrementally as needed]			
3	3b. RPS metrics master database file (attributes spreadsheet)	Within 120 days of beginning of new State project			
3	3c. Assumptions and methods used in measuring RPS metrics;	Within 120 days of beginning of new State project			

3	3d. Initial RPS scoring demonstration for client	Within 130 days of beginning of
3	state	new State project
4	4a. Workshop materials package development;	Within 140 days of beginning of
7	4a. Workshop materials package development,	new State project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of
4	4b. Facilitated offsite two-day workshop	new State project
4	4c. Archived workshop applications files	Within 10 days after meeting [day
-	4c. Archived workshop applications mes	170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [day
-	44. Follow-up workshop summary	170]
4	4e. Transfer of RPS file geodatabase and	Within 180 days of beginning new
	supporting metadata to EPA and state	state project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	PERIOD AS NEEDED
5	5a. RPS website improvements, if specified in	10-15 business days after receipt
5	written Technical Direction by EPA TOPO	of written technical direction
5	5b. RPS tool enhancements, if specified in written	10-15 business days after receipt
5	Technical Direction by EPA TOPO	of written technical direction
5	5c. RPS information resources improvements, if	10-15 business days after receipt
5	specified in written Technical Direction by TOPO	of written technical direction
5	5d. RPS methodology improvements, if specified in	10-15 business days after receipt
3	written Technical Direction by EPA TOPO	of written technical direction
	5e. RPS nationally measured datasets and related	10 15 business days after receipt
5	tools/methods, if specified in written Technical	10-15 business days after receipt of written technical direction
	Direction by EPA TOPO	of written technical direction
:	END OF TABLE	

When the Task Order reaches 30 calendar days prior to the end of the Period of Performance in a given period, the contractor shall make a determination that the deliverables, milestones, benchmarks, and any outstanding technical direction from the TOPO, will be satisfactorily completed in the form requested in the PWS by the end of the Period of Performance and for the remaining funding that is available.

If the contractor determines one or more of the above-referenced items will not be able to be completed in the requested form within the period of performance and with the available funding, the contractor shall notify the TOPO and the CO immediately. Within 5 business days of said notification, the TOPO in coordination with the CO will provide technical direction concerning use of the remaining funding to prepare and furnish to the TOPO all interim draft deliverables, interim work products, and any working files in an electronic format which is supported by EPA, for eventual continuation of the project after the end date of the Task Order.

D. REPORTING

All documentation and reporting under this Task Order shall be in compliance with contract requirements.

E. DELIVERABLES AND GENERAL PERFORMANCE:

The contractor shall participate in meetings and conference calls arranged by the EPA Task Order Project Officer. The contractor shall, when requested by the TOPO, provide supporting documentation when EPA is reviewing draft deliverables to facilitate EPA review and approval of the Contractor's work. Documentation shall include the electronic files and detailed, written explanation of all steps and decisions. The Contractor shall comply with this request when it is received from the TOPO regardless of whether such a request is described in the individual tasks of this PWS. The Contractor shall furnish this information in such manner that no proprietary software will be needed for EPA to read, interpret, replicate or model any work product of this agreement, unless otherwise noted in this PWS or by written permission of the EPA TOPO. The objective is that anyone with the appropriate skill level can use the information produced under this Task Order to check or duplicate the Contractor's work for replication and/or verification. With this understanding of how this Task Order's data will be used, any elements essential to successfully replicating analysis shall be provided to EPA in a commonly-used format.

The Contractor shall provide both scientific/technical and editorial review as defined in section 2.6 of the Prime Contract Performance Work Statement on any Task Order draft product before submission to the EPA TOPO for review. This process does not need to be performed by an independent peer reviewer. All editorial review comments shall be addressed before deliverables are furnished to the EPA TOPO for review (in the case of draft deliverables) or acceptance (in the case of final deliverables); and any questions raised by scientific/ technical review shall be either addressed or discussed with the EPA TOPO prior to the contractor furnishing draft deliverables.

Upon receipt of written technical direction from the TOPO, the contractor shall furnish:

- <u>all deliverables (draft and final)</u> to EPA shall be furnished in an electronic version and in an electronic format that EPA can support (see TSAWP Contract PWS Section 4.0 Deliverables).
- <u>all final deliverables</u> to EPA shall include one (1) electronic copy and a transmittal email that describes the attached deliverable and summarizes QA procedures applied in its development. All final deliverables shall be prepared according to EPA publication guidelines and shall be compliant with Section 508 of the Americans with Disabilities Act. All electronic and information technology (eit) and all EIT deliverables be Section 508 compliant in accordance with the policies referenced at http://www.epa.gov/accessibility/. The contractor shall include documentation which indicates that the contractor has tested the deliverable against applicable Section 508 Standards.

All submittals to EPA shall be formatted as described below.

Electronic submissions shall be made in the following manner: electronic Microsoft Word© for any written reports, summaries or analysis documents, Microsoft Excel© format for any and all spreadsheets, ESRI file Geodatabase (or other format approved by the EPA TOPO) for geospatial datasets. Final electronic submissions shall be on Compact Disk (CD) or Digital Versatile Disc (DVD) if too large to email as attachments or deliver via FTP. Every electronic document and all of the sections, text, graphs, charts or figures shall be unlocked, open and editable so that EPA may make further changes.

Appropriate electronic format that is supported by EPA and printing of all GIS data layers, maps, photos, bench sheets and other written material not easily printed or saved in the above formats shall be discussed and a format agreed upon with the EPA TOPO prior to submittal by the contractor.

F. ANTICIPATED TRAVEL

All travel under this Task Order shall be in compliance with contract requirements and only according to specific Technical Direction. (See contract clause H-17). Travel is presently anticipated to be necessary for two onsite events involving two contractors, in each state RPS project, unless otherwise directed by the TOPO.

G. CONTRACTOR IDENTIFICATION

Contractor personnel shall always identify themselves as Contractor employees by name and organization and physically display that information through an identification badge. Contractor personnel are prohibited from acting as the Agency's official representative.

The Contractor shall refer any questions relating to the interpretation of EPA policy, guidance, or regulation to the EPA Task Order Project Officer.

H. Conference/Meeting Guidelines and Limitations:

The EPA projects that none of the individual meetings identified in these tasks will exceed a total cost of \$25,000. No conferences shall occur under this Task Order. The contractor shall immediately notify the EPA Contracting Officer, PO and TOPO of any anticipated individual event involving support for a meeting that may potentially incur \$23,000 or more in cost during performance. After notifying EPA of the potential to reach this threshold, the Contractor shall not proceed with the task(s) until authorized to do so by the Contracting Officer.

I. Quality Assurance Surveillance Plan: per contract requirements

J. Attachments

Filename RPS QAPP 110317.PDF: "Recovery Potential Screening Quality Assurance Project Plan" Task Order 0024 and 0035, Contract EP-C-08-002, March 16, 2011. (18 pp)

Filename FINAL QAPP WITH SIGNATURES RECOVERY WEBSITE.PDF: "Quality Assurance Project Plan for Recovery Potential Website Support" Work Assignment 02, Contract EP-C-11-019, June 23, 2011. (30 pp)

AMENDMENT OF SOLICITATION/MODIFIC	ONTRACT		CONTRACT ID CODE	PA	GE OI	F PAGES			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. R	EQUISITION/PURCHASE REQ. NO.	5. PROJI	L CT NO	4). (If applicable)		
001	See Blo			-OW-13-00553			Chica Control of the		
6. ISSUED BY CODE	CPOD	CV 100	7. A	DMINISTERED BY (If other than Item 6)	CODE	CPOD			
(FOR U.S. MAIL ONLY) US Environmental Protection 26 West Martin Luther King D Mail Code: NWD Cincinnati OH 45268		CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State an	d ZIP Code)	(x)	BA. AMENDMENT OF SOLICITATION NO.					
CADMUS GROUP, INC., THE Attn: (b)(4) 57 WATER STREET 6176737000 WATERTOWN MA 024724603				OB. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO EP-C-12-053 0001 10B. DATED (SEE ITEM 13)	D .				
(b)(4)	FACILITY CO	DE		05/28/2013					
	11. THIS IT	EM ONLY APPLIES TO A	MEN	DMENTS OF SOLICITATIONS					
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.									
12. ACCOUNTING AND APPROPRIATION DATA (If required See Schedule	uired)	Net	Ir	ncrease: (b)(4)				
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION (OF CONTRACTS/ORDERS	S. IT	MODIFIES THE CONTRACT/ORDER NO. AS DES	CRIBED	N ITEM	14.		
	CT/ORDER IS N I IN ITEM 14, P	IODIFIED TO REFLECT T URSUANT TO THE AUTH	THE A	NGES SET FORTH IN ITEM 14 ARE MADE IN THAT ADMINISTRATIVE CHANGES (such as changes in TY OF FAR 43.103(b).					
							*		
D. OTHER (Specify type of modification	70	مام			0.0944.00 140				
X 52.232-100 Limitatio E. IMPORTANT: Contractor X is not,		to sign this document and	retu	rn copies to the issuing	office				
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: (b)(4) The purpose of this modification for this task order as indication.	Organized by U	JCF section headings, incl to provide in	ludin	g solicitation/contract subject matter where feasib	le.)	of	\$51,953		
Estimated cost: $(b)(4)$ Fee: $(b)(4)$									
This action fully funds the I TOPO: Doug Norton Max Expire LIST OF CHANGES:	· · ·		ısk	Order.	20 N				
Continued	THE CONTRACT OF		-						
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	e document refe	erenced in Item 9A or 10A,		neretofore changed, remains unchanged and in ful A. NAME AND TITLE OF CONTRACTING OFFIC)		
			No	pelle Mills					
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	168	3. UNITED STATES OF AMERICA		160	C. DATE SIGNED		
(Signature of person authorized to sign)			Ŀ	(Signature of Contracting Officer)			20 (DEV 10 92)		

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 **CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-C-12-053/0001/001

PAGE 2 OF 4

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
x *	Reason for Modification : Funding Only Action				
	Total Amount for this Modification: \$0.00				,
	New Total Amount for this Version: \$101,953.00				
	New Total Amount for this Award: \$535,642.00				
	Obligated Amount for this Modification: \$51,953.00	1			
	New Total Obligated Amount for this Award:				
	\$101,953.00				
	Incremental Funded Amount changed: from \$50,000.00 to \$101,953.00				e t
	\$50,000.00 to \$101,955.00				
	CHANGES FOR LINE ITEM NUMBER: 1				
	Obligated Amount for this modification: \$51,953.00				
	Incremental Funded Amount changed from \$50,000.00				
	to \$101,953.00				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	13-14-B-87FN-202BD4X22-25051387NE3005-001				
					*
	Beginning Fiscal Year 14				
	Ending Fiscal Year 14				
	Fund (Appropriation) B				
	Budget Organization 87FN	1	8		
	Program (PRC) 202BD4X22				
	Budget (BOC) 2505				
	Job # (Site/Project)				*
	Cost Organization				
	DCN-LineID 1387NE3005-001				
	Amount: \$51,953.00				*
	Section B: Clause, EPA-B-32-101, is revised as				
	follows:				
	EPA-B-32-101 LIMITATION OF FUNDS NOTICE				
	(a) Pursuant to the Limitation of Funds clause,	1			
	incremental funding in the amount of $(b)(4)$ is				
	allotted to cover estimated cost. Funding in the				
	amount of $(b)(4)$ is provided to cover the	24			
	corresponding increment of fixed fee. The amount				16
	allotted for costs is estimated to cover the				
	contractor's performance through 4/30/2014.				
	(b) When the contract is fully funded as		1 1		
	specified in the Estimated Cost and Fixed Fee				1
	Clause (EP 52.216-190), the Limitation of Cost				
	clause shall become applicable.				
	(c) Recapitulation of Funds				N.
	See attached recap sheet				9
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CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED				PAGE	OF	
	EP-C-12-053/0001/001	t.		y.	3	4	

ITEM NO.	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)		AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency	N N			
	RTP-Finance Center (D143-02) 109 TW Alexander Drive Durham NC 27711 FOB: Destination	¥.	3		
	Period of Performance: 05/28/2013 to 04/30/2014 All other terms and conditions remain unchanged.			a.	
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AMENDMENT OF SOLIC	ITATION/MODIFIC	ATION OF CON	TRACT		1. CONTRACT ID CODE		PAGE OF	PAGES				
2. AMENDMENT/MODIFICATIO	ON NO.	3. EFFECTIVE DA	TE	4. REC	L QUISITION/PURCHASE REQ. NO.	5. P	ROJECT NO	(If applicable)				
002		See Block	16C	PR-C	W-13-00756							
6. ISSUED BY	CODE	CPOD		7. ADI	MINISTERED BY (If other than Item 6	6) COL	E CPOD					
(FOR U.S. MAIL ONLY) US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268					CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268							
8. NAME AND ADDRESS OF C	ONTRACTOR (No., street	t, county, State and ZIP	Code)	(x) 9A	. AMENDMENT OF SOLICITATION I	NO.						
CADMUS GROUP, INCATOR (b)(4) 57 WATER STREET 6176737000 WATERTOWN MA 024			u u	x 10 E	DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ P-C-12-053 001 B. DATED (SEE ITEM 13)	ORDER NO.	;					
(b)(4)	· · · · · · · · · · · · · · · · · · ·	FACILITY CODE		c	5/28/2013							
		11. THIS ITEM C	ONLY APPLIES TO A		MENTS OF SOLICITATIONS	· · · · · · · · · · · · · · · · · · ·						
THE PLACE DESIGNATED F virtue of this amendment you to the solicitation and this am	hich includes a reference FOR THE RECEIPT OF I desire to change an offe lendment, and is received	to the solicitation ar OFFERS PRIOR TO or already submitted, d prior to the opening	nd amendment numb THE HOUR AND Do such change may be	ers, FA ATE SP a made	ceipt of this amendment on each copy NLURE OF YOUR ACKNOWLEDGEI ECIFIED MAY RESULT IN REJECTI by telegram or letter, provided each t	MENT TO BE R ON OF YOUR elegram or lette	ECEIVED AT OFFER. If by r makes refe					
12. ACCOUNTING AND APPRO	OPRIATION DATA (If red	quired)	Net	Ind	rease:	\$27 ,	000.00					
B. THE ABOVE		CT/ORDER IS MOD: H IN ITEM 14, PURS	FIED TO REFLECT UANT TO THE AUT	THE AI HORIT	GES SET FORTH IN ITEM 14 ARE M DMINISTRATIVE CHANGES (such as Y OF FAR 43.103(b).							
D. OTHER (Spe	ecify type of modification	and authority)			,							
X 1552.217-	71 Option to ext	end the term	of the contr	act	cost type contract and	52.232-22	Limitat:	on of Fund				
E, IMPORTANT: Contractor	r ⊠is not,	is required to si	gn this document and	d return	O copies to	the issuing office						
DUNS Number: (b))(4) This modification in the a	tion is to	1.) exerc	ise	solicitation/contract subject matter wi Option Period 1 an cost/fee breakdown	d 2.) pi						
(b)(4)		1						,				
TOPO: Doug Norto		Date: 09/	27/2017				a a					
Reason for Modif	fication : Ex	ercise an	Option									
Except as provided herein, all t	Contract the second second second second second second	ne document referen	ced in Item 9A or 10,	16A.	name and TITLE OF CONTRACT							
15B. CONTRACTOR/OFFERO	PR .	15	C. DATE SIGNED		UNITED STATES OF AMERICA		16	C. DATE SIGNED				
(Signature of perso	n authorized to sign)		6		(Signature of Contracting Off	ficer)		2				
NSN 7540-01-152-8070							ARD FORM	30 (REV. 10-83)				

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

 EP-C-12-053/0001/002
 2
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TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	TANOMA
(A)	. (B)	(C)	(D)	(E)	(F)
	Period Of Performance End Date changed from			4	
	2014-04-30 to 2015-04-30				
]	
	Total Amount for this Modification: \$0.00				
	New Total Amount for this Version: \$104,541.00 New Total Amount for this Award: \$535,642.00				
	Obligated Amount for this Modification: \$27,000.00				
	New Total Obligated Amount for this Award:				
	\$78,953.00				
	Incremental Funded Amount changed: from			1	
	\$51,953.00 to \$78,953.00				
	CHANGES FOR LINE ITEM NUMBER: 2				
	Obligated Amount for this modification: \$27,000.00			ļ	
	Incremental Funded Amount changed from \$0.00 to				
	\$27,000.00				
	Exercised option	ar			
	NEW DELIVERY LOCATION RECORD:				
	Amount: \$104,541.00				
	*			*	
	NEW ACCOUNTING CODE ADDED:				
	Account code:			1	
	13-14-B-87FT-202BD4X22-25051387NE3011-001				
	Beginning FiscalYear 13				
	Ending Fiscal Year 14 Fund (Appropriation) B			14	
	Budget Organization 87FT				
	Program (PRC) 202BD4X22				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization		9.		
	DCN-LineID 1387NE3011-001 Amount: \$27,000.00				
	FallOute: 927,000.00				
	W .			İ	
	Section B: Clause, EPA-B-16-102, is revised as				
	follows for Option Period I:				
	EPA-B-16-102 ESTIMATED COST AND FIXED FEE				
	(a) The estimated cost of this contract is				
	(b)(4) ·		3.31		
	(b) The fixed fee is (b)(4) (c) The total estimated cost and fixed fee is				
	\$104,541.				
				ł	
	Section B: Clause, EPA-B-32-101, is revised as follows for Option Period I:				
	Continued				
		2			
	*			ii	
				\$40.02 Albands #8034	

			
CONTINUE TION OFFET		PAGE (OF .
CONTINUATION SHEET	EP-C-12-053/0001/002	3	4

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	EPA-B-32-101 LIMITATION OF FUNDS NOTICE				
	(a) Pursuant to the Limitation of Funds clause,				
	incremental funding in the amount of $(b)(4)$ is				
	allotted to cover estimated cost. Funding in the				
0.0	amount of $(b)(4)$ is provided to cover the		ĺĺ		
	corresponding increment of fixed fee. The amount				
	allotted for costs is estimated to cover the]]	i .	
	contractor's performance through 8/3/2014.				¥
	(b) When the contract is fully funded as				
	specified in the Estimated Cost and Fixed Fee		1 1		
	Clause (EP 52.216-190), the Limitation of Cost			*	
	clause shall become applicable.		1 1		
	(c) Recapitulation of Funds		1 1		
	See attached recap sheet				
	Payment:	1			
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (D143-02)	,] [
	109 TW Alexander Drive				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 05/28/2013 to 04/30/2015				
	All other terms and conditions remain unchanged.			8	
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AMENDME	NT OF SOLICITATION/MODIF	ICATION OF	CONTRACT		1. CONTRACT ID CODE		PAGE OF	PAGES			
2. AMENDME	NT/MODIFICATION NO.	3. EFFECTIV	E DATE	4. f	REQUISITION/PURCHASE REQ. NO.	5. PRO		. (If applicable)			
003		01/16/2	2014	PR	-OW-14-00081	-					
6. ISSUED BY	COD			7.	ADMINISTERED BY (If other than Item 6)	CODE	CPOD				
US Envi 26 West Mail Co	S. MAIL ONLY) ronmental Protection Martin Luther King de: NWD ati OH 45268			CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268							
8. NAME AND	ADDRESS OF CONTRACTOR (No., str	eet, county, State ar	nd ZIP Code)	(x)	9A. AMENDMENT OF SOLICITATION NO.						
CADMUS C	GROUP, INC., THE										
Attn: (k	PARTICINES EXPLOSE TO APPROVE SEE SEASON SAFETY SAFETY				9B. DATED (SEE ITEM 11)						
57 WATER											
61767370	000				10A. MODIFICATION OF CONTRACT/ORDER NO	D.	· · · · · · · · · · · · · · · · · · ·				
WATERTOW	NN MA 024724603			X	EP-C-12-053 0001 10B. DATED (SEE ITEM 13)						
CODE (h	\/4\	FACILITY CO	DDE		05/28/2013						
<u>(b</u>)(4)	2 10 01100 0000		MEI	NOMENTS OF SOLICITATIONS						
The chart	numbered solicitation is amended as se					dod	☐ is not ex	dandad			
Items 8 and separate let THE PLACE virtue of this to the solicit	15, and returning Iter or telegram which includes a reference E DESIGNATED FOR THE RECEIPT O B amendment you desire to change an o ation and this amendment, and is received.	copies of the ame ace to the solicitati F OFFERS PRIO ffer already subm and prior to the op	ndment; (b) By acknowled on and amendment numb R TO THE HOUR AND DA itted, such change may be ening hour and date speci	lging ers. ATE ma ified.		er subm BE REC UR OF letter m	nitted; or (c) CEIVED AT FER. If by nakes refer	Ву			
See Sch	FING AND APPROPRIATION DATA (If I	required)	Net	Ι	ncrease: \$7	7,54	11.00				
pee per	· · · · · · · · · · · · · · · · · · ·	MODIFICATION	OF CONTRACTS/ORDERS	S. 11	MODIFIES THE CONTRACT/ORDER NO. AS DES	CRIBE	D IN ITEM	14.			
					, modified the down Advisor Advisor Advisor						
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	PURSUANT TO	: (Specify authority) THE	CHA	ANGES SET FORTH IN ITEM 14 ARE MADE IN TH	IE CON	ITRACT				
					ADMINISTRATIVE CHANGES (such as changes in ITY OF FAR 43.103(b).	n payin	g office,				
	C. THIS SUPPLEMENTAL AGREEME	ENT IS ENTERED	INTO PURSUANT TO A	JTH	ORITY OF:						
	D. OTHER (Specify type of modification					····					
v	52.232-20 Limitatio										
X	100				urn 0 copies to the issuing	***					
E. IMPORTAN	- HELD VELOV	0 100	to sign this document and	40	urn Copies to the issuing copies copies			990 99			
DUNS Num The purp the amou	mber: (b)(4)	ation is h fully f	to provide in Tunds Option E	ıcı	remental funding for Optic	* "	eriod	I in			
	CHANGES:	c bacc. c	73,27,2017			9					
	for Modification: Fu	nding Onl	y Action								
CHANGES	FOR LINE ITEM NUMBE	R: 2 (Op	tion Period I	[)							
Obligate	ed Amount for this m	odificati	on: \$77,541.0	0							
Incremen	ntal Funded Amount c	hanged fr	com \$27,000.00) t	\$104,541.00						
Continue	ed										
		the document ref	erenced in Item 9A or 10A		heretofore changed, remains unchanged and in full						
15A, NAME AN	ND TITLE OF SIGNER (Type or print)			16	A. NAME AND TITLE OF CONTRACTING OFFICE	ER (Typ	oe or print)				
				N	oelle Mills	24					
15B. CONTRA	CTOR/OFFEROR	9	15C. DATE SIGNED	16	B. UNITED STATES OF AMERICA		16C	. DATE SIGNED			
	(Signature of person authorized to sign)			_	(Signature of Contracting Officer)						

	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE C)F
CONTINUATION SHEET	EP-C-12-053/0001/003	2	4

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	NEW ACCOUNTING CODE ADDED:		1-1-		
	Account code:			N	
	14-15-B-87FN-202BD4X22-25051487NE4002-001	1	1 1		
	Beginning FiscalYear 14				e e
	Ending Fiscal Year 15	1	1 1		
	Fund (Appropriation) B				
	Budget Organization 87FN	1			
	Program (PRC) 202BD4X22	1			
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization		1	1	
	DCN-LineID 1487NE4002-001			į	
	212 CH 21 FUN IS 102 423 N 100 100 100 10 0 51 N CONTROL ST. N 100 10 10 10 10 10 10 10 10 10 10 10 10			1	
	Amount: \$77,541.00				
	Payment Address:	1			
	RTP Finance Center	ļ	li		
	US Environmental Protection Agency				
	RTP-Finance Center (D143-02)			9	
	109 TW Alexander Drive			ļ	
	Durham NC 27711				
	Section B: Clause, EPA-B-32-101, is revised as			1	
	follows for Option Period I:		1 1	ľ	
	EPA-B-32-101 LIMITATION OF FUNDS NOTICE				
	(a) Pursuant to the Limitation of Funds clause,				
	incremental funding in the amount of $(b)(4)$ is				
	allotted to cover estimated cost. Funding in the				
	amount of $(b)(4)$ is provided to cover the		,		
	corresponding increment of fixed fee. The amount				
	allotted for costs is estimated to cover the			87	
	contractor's performance through 4/30/2015.	ĺ			
	(b) When the contract is fully funded as		1		
	specified in the Estimated Cost and Fixed Fee				
	Clause (EP 52.216-190), the Limitation of Cost		lľ		
à	clause shall become applicable.				
	(c) Recapitulation of Funds - See Attachment	ł			
	Delivery Location Code: CPOD				
	CPOD				
	US Environmental Protection Agency			1	
	26 West Martin Luther King Drive		1		
	Mail Code: NWD		1 1	Ì	
	Cincinnati OH 45268 USA				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency		1 1		
	RTP-Finance Center (D143-02)		-		
	109 TW Alexander Drive				
	Durham NC 27711	1			
	FOB: Destination]		
	Period of Performance: 05/28/2013 to 04/30/2015			₩	
	Continued				
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	REFERENCE NO. OF DOCUMENT BEING CONTINUED	2	PAGE	OF
CONTINUATION SHEET	EP-C-12-053/0001/003		3	4

ITEM NO.	SUPPLIES/SERVICES	QUANTITY			AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	All other terms and conditions remain unchanged.				
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AMENDMENT OF SOLICITATION/MC	DIFIC	ATION OF C	ONTRACT		1. CONTRACT ID CODE	PAG	GE OF PAGES					
2. AMENDMENT/MODIFICATION NO.	·	3. EFFECTIVE	DATE	4. REQ	L UISITION/PURCHASE REQ. NO.	5. PROJE	CT NO. (If applicable)					
004		See Bloo	ck 16C									
6. ISSUED BY	CODE	CPOD		7. ADN	MINISTERED BY (If other than Item 6)	CODE	CPOD					
(FOR U.S. MAIL ONLY) US Environmental Protect 26 West Martin Luther Ki Mail Code: NWD Cincinnati OH 45268				26 Mai	D Environmental Protect: West Martin Luther Kin l Code: NWD cinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (Vo., stree	t, county, State and	ZIP Code)	(x) 9A.	AMENDMENT OF SOLICITATION NO.							
CADMUS GROUP. INC., THE Attn: (b)(4) 57 WATER STREET 6176737000 WATERTOWN MA 024724603					9B. DATED (SEE ITEM 11) X 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-12-053 0001 10B. DATED (SEE ITEM 13)							
CODE (b)(4)		FACILITY COL	DE	0	5/28/2013							
		11, THIS ITE	 M ONLY APPLIES TO A	- 1	ENTS OF SOLICITATIONS							
	e an offer received TA (If rec	er already submit d prior to the ope quired)	ted, such change may be ning hour and date specif	made lied.	oy telegram or letter, provided each telegra	m or letter mak	es reference N ITEM 14.					
	ONTRA T FORTI	CT/ORDER IS M H IN ITEM 14, PU	ODIFIED TO REFLECT T JRSUANT TO THE AUTH	THE ACTORITY	MINISTRATIVE CHANGES (such as chan OF FAR 43.103(b).							
x Per mutual agree												
D. OTHER (Specify type of mod	dification	and authority)				P 0						
E. IMPORTANT: Contractor	is not,	x is required t	o sign this document and	return	1 copies to the iss	suing office.						
14. DESCRIPTION OF AMENDMENT/MODIFIC DUNS Number: (b)(4) The purpose of this modi period from 970 to 1500. The contractor is under hours within the current TOPO: Doug Norton Max Ex	fica fica unni	(Organized by L tion is ng on su stablish	to increase t bject Task Or ed estimated	<i>luding</i> : the	solicitation/contract subject matter where for Level of Effort (LOE) and can accomplish t	for the						
LIST OF CHANGES: Reason for Modification Total Amount for this Mo	: Su	pplement	al Agreement	for	work within scope		The Australia					
New Total Amount for this New Total Amount for this Continued Except as provided herein, all terms and condit	s Ve s Aw	rsion: \$ vard: \$53	101,953.00 5,642.00	ı, as he	retofore changed, remains unchanged and	in full force and	d effect.					
15A. NAME AND TITLE OF SIGNER (Type or)	orint)				NAME AND TITLE OF CONTRACTING C	FFICER (Type	or print)					
15B. CONTRACTOR/OFFEROR			15C. DATE SIGNED	16	Moelle Mills	ELECTRON						
(Signature of person authorized to sig	n)				IMORE I HAVE	SIGNATU	DM 03/02/2014					

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE OF 2
 3

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 1 Description changed from				
	Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152 Level of Effort: 970			i e	
	The government will make provisional fixed fee payments on the basis of percentage of work completed. For CPFF-term-type task orders, percentage of work completed is the ratio of direct labor hours performed to the direct labor hours ordered.			1.	
	to			N	
	Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152	*)			
	Level of Effort: 1500	8			
	The government will make provisional fixed fee payments on the basis of percentage of work completed. For CPFF-term-type task orders, percentage of work completed is the ratio of direct labor hours performed to the direct labor hours ordered.			,	
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (D143-02) 109 TW Alexander Drive Durham NC 27711 FOB: Destination				
	Period of Performance: 05/28/2013 to 04/30/2015 All other terms and conditions remain unchanged.				
					z.
			,	*	
		y.		p.S	* * * * * * * * * * * * * * * * * * *
	a, a				
SN 7540-01-15				<u> </u>	<u> </u>

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 1. CONTRACT ID CODE PAGE OF PAGES 1 3							PAGES				
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. R	EQUISITION/PURCHASE REQ. NO.	5. PROJ		. (If applicable)				
005	See Blo	ck 16C									
6. ISSUED BY CODE	CPOD		7. A	DMINISTERED BY (If other than Item 6)	CODE	CPOD					
(FOR U.S. MAIL ONLY) US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268				CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268							
						1000					
8. NAME AND ADDRESS OF CONTRACTOR (No., street) CADMUS GROUP, INC., THE Attn: (b)(4) 57 WATER STREET 6176737000	t, county, State an	d ZIP Code)	(2)	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)							
WATERTOWN MA 024724603		[:	x	10A. MODIFICATION OF CONTRACT/ORDER N EP-C-12-053	10.						
WATERTOWN MA 024724603			0001								
ę.				10B. DATED (SEE ITEM 13)							
CODE (b)(4)	FACILITY CO	DE		05/28/2013							
(b)(4)	41 THIS IT	EM ONLY APPLIES TO A	MEN	DMENTS OF SOLICITATIONS							
The above numbered solicitation is amended as set for					nded F	lis not o	xtended.				
Items 8 and 15, and returning coperate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF the virtue of this amendment you desire to change an offer to the solicitation and this amendment, and is received. 12. ACCOUNTING AND APPROPRIATION DATA (If received the schedule)	to the solicitation OFFERS PRIOF or already submit of prior to the op-	on and amendment numbe R TO THE HOUR AND DA tted, such change may be ening hour and date specif	ers. I TE S mad fied.	SPECIFIED MAY RESULT IN REJECTION OF You le by telegram or letter, provided each telegram of	BE RECE	EIVED AT ER. If by akes refe	rence				
	ODIFICATION (NE CONTRACTO CORREDO		MODIFIES THE CONTRACT/ORDER NO. AS DE	CODIDED	IN ITCM	44				
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION	OF CONTRACTS/ORDERS	5. 11	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED	INTER	14.				
				NGES SET FORTH IN ITEM 14 ARE MADE IN T							
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH				ADMINISTRATIVE CHANGES (such as changes TY OF FAR 43.103(b).	in paying	office,					
D. OTHER (Specify type of modification	and authority)	· · · · · · · · · · · · · · · · · · ·									
X FAR 52.232-22 Limita	tion of	Funds									
E. IMPORTANT: Contractor is not.	x is required	to sign this document and	retu	n 1 copies to the issuin	g office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: $(b)(4)$ The purpose of this modifica	tion is	to deobligate	e u	nliquidated obligations		e ba	se				
period of the task order in			2.8	8.							
TOPO: Doug Norton Max Expire	Date: 0	9/27/2017									
LIST OF CHANGES:							v				
Reason for Modification: Fun	-		0.0				e e				
Obligated Amount for this Mo	allicati	on: -\$11,712.	00								
CHANGES FOR LINE ITEM NUMBER											
Obligated Amount for this mo											
Incremental Funded Amount ch	anged fr	om \$101,953.0	0	to \$90,240.12							
Continued											
Except as provided herein, all terms and conditions of th	e document refe	erenced in Item 9A or 10A,									
15A. NAME AND TITLE OF SIGNER (Type or print)				A NAME AND TITLE OF CONTRACTING OFFI	CER (Type	e or print)				
15D CONTRACTOR/OFFERDOR		1460 DATE CIONED		CTIG HILLS		146	C. DATE SIGNED				
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	11	Moelle Mills	LECTRO SIGNATU	NIC	7/11/2014				
(Signature of person authorized to sign)			1	I Andrews a company	OWNER!	PENN	.,,				

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE (OF.
CONTINUATION SHEET	EP-C-12-053/0001/005	2	3

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT (F)
	CHANGES FOR ACCOUNTING CODE: 13-14-B-87FN-202BD4X22-2505-1387NE3005-001 Account code changed from 13-14-B-87FN-202BD4X22-25051387NE3005-001 to 13-14-B-87FN-202BD4X22-2505-1387NE3005-001 Amount changed from \$51,953.00 to \$40,240.12 Delivery Location Code: CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 USA				
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (D143-02) 109 TW Alexander Drive Durham NC 27711 FOB: Destination Period of Performance: 05/28/2013 to 04/30/2015 All other terms and conditions remain unchanged.				,
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT					1. CONTRACT ID CODE	PAG 1	E OF PAGES				
2. AMENDMENT	T/MODIFICATION NO.	3. EFFECTIVE	DATE	4. RE	L QUISITION/PURCHASE REQ. NO.	5. PROJEC	T NO. (If applicable)				
006		See Blo	ck 16C	PR-C	CPOD-14-00153						
6. ISSUED BY	CODE	CPOD		7. AD	MINISTERED BY (If other than Item 6)	CODE C	POD				
(FOR U.S. MAIL ONLY) US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268				CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268							
8. NAME AND A	DDRESS OF CONTRACTOR (No., street	at, county, State an	d ZIP Code)	(x) 9 <i>F</i>	A. AMENDMENT OF SOLICITATION NO.						
Attn: (b) 57 WATER 617673700	STREET			x 10 E 0	DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER NP-C-12-053 001 B. DATED (SEE ITEM 13)	0.					
CODE (b)	(1)	FACILITY CO	DE		05/28/2013						
cope (p)	(4)	1	ł		MENTS OF SOLICITATIONS						
virtue of this a to the solicitat 12. ACCOUNTIN See Sche	mendment you desire to change an off ion and this amendment, and is receive NG AND APPROPRIATION DATA (If redule 13. THIS ITEM ONLY APPLIES TO M	er already submited prior to the operation (quired)	tted, such change may be ening hour and date speci DF CONTRACTS/ORDERS	made fied.	ECIFIED MAY RESULT IN REJECTION OF YOU by telegram or letter, provided each telegram o ODIFIES THE CONTRACT/ORDER NO. AS DE GES SET FORTH IN ITEM 14 ARE MADE IN T	r letter make	iTEM 14.				
1	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	CT/ORDER IS N H IN ITEM 14, P	MODIFIED TO REFLECT TURSUANT TO THE AUTH	THE AI	DMINISTRATIVE CHANGES (such as changes Y OF FAR 43.103(b).	*****					
Ť	D. OTHER (Specify type of modification	· · · · · · · · · · · · · · · · · · ·		م المصدد	_						
E. IMPORTANT:	Bilateral: FAR 52.23 Contractor	20070	to sign this document and		1						
14. DESCRIPTION DUNS Number The purport of the purp	on OF AMENDMENT/MODIFICATION over: (b)(4) been: (b)(4) been: (b)(4) been: (c)(4) b	(Organized by Cation is e Date: 0 adding Onlacation: ersion: \$ ard: \$53	JCF section headings, inc to shift fund 19/27/2017 y Action \$0.00 206,494.00 5,642.00 se Period)	ding	retofore changed, remains unchanged and in FL NAME AND TITLE OF CONTRACTING OFFICE	44 from	affect.				
15B. CONTRAC	TOR/OFFEROR		15C. DATE SIGNED	11	elle Mills	LECTRONK	16C. DATE SIGNED				
(S	ignature of person authorized to sign)		*		Moelle Mills	SIGNATURI	08/05/2014				

 CONTINUATION SHEET
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 EP-C-12-053/0001/006
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M NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Obligated Amount for this modification: \$115.44				
	Incremental Funded Amount changed from \$90,240.12				9
5	to \$90,355.56		ł		
	5				a
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	13-14-B-87FT-202BD4X22-2505-1387NE3011-001				
	Beginning FiscalYear 13				İ
	Ending Fiscal Year 14				
	Fund (Appropriation) B				
	Budget Organization 87FT	ľ			•
	Program (PRC) 202BD4X22				
	Budget (BOC) 2505			·	
	Job # (Site/Project)			ļ	150
	Cost Organization				
	DCN-LineID 1387NE3011-001			2 2	
	Amount: \$115.44				
	Amount. VIII.11				
	Payment Address:			9	
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (D143-02)		1		
	109 TW Alexander Drive Durham NC 27711			1	
	Durnam NC 27/11				
	CHANGES FOR LINE ITEM NUMBER: 2 (Option Period I)			n	
	Obligated Amount for this modification: -\$115.44		İ	İ	
					· ·
	Incremental Funded Amount changed from	ė			
	\$104,541.00 to \$104,425.56				
	CULTURE TO THE THEORY OF THE THEORY		1		u u
	CHANGES FOR ACCOUNTING CODE:		Ì		ū
	13-14-B-87FT-202BD4X22-25051387NE3011-001		a 1	0	Ÿ
	Amount changed from \$27,000.00 to \$26,884.56				
	Delivery Location Code: CPOD				
	CPOD -				
	US Environmental Protection Agency			· ·	*
	26 West Martin Luther King Drive				
	Mail Code: NWD			,	"
	Cincinnati OH 45268 USA				
				10	
	Payment:				
	RTP Finance Center			13	
	US Environmental Protection Agency				
	RTP-Finance Center (D143-02)			3	
	109 TW Alexander Drive				
	Durham NC 27711		ļ		
	FOB: Destination	*		, a	
	Period of Performance: 05/28/2013 to 04/30/2015		1		
	All other terms and conditions remain unchanged.		1		
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	x				7
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1 AMERICAN TRADESPRICATION NO. 1 SPECTIVE DATE See Block 16C PR-CPOD-15-0003: 1 ADMINISTRATED BY profession when the see Block 16C PROCED 17-0003: 1 ADMINISTRATED BY profession when the See Block 16C PROCED 17-0003: 1 ADMINISTRATED BY profession when the See Block 16C PROCED 17-0003: 1 ADMINISTRATED BY profession when the See Block 16C PROCED 17-0003: 1 ADMINISTRATED BY profession when the See Block 16C PROCED 17-0003: 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Kartin Luther King Drive 2 Weet Martin Luther King Drive 2 Weet Martin Luther King Drive 2 Weet Martin Luther King Drive 2 Weet Martin Luther King Drive 2 Weet Martin Luther King Drive 2 Weet Martin Luther King Drive 3 Weet Martin Luther King Drive 3 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 4 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 5 Weet Martin Luther King Drive 6 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King Drive 7 Weet Martin Luther King	AMENDME	NT OF SOLI	CITATION/MODIFIC	ATION OF C	ONTRACT		1. CONTRACT ID CODE		PAGE OI	PAGES			
SOURCE DEV CODE CPOD	2. AMENDMEN	NT/MODIFICATI	ON NO.	3. EFFECTIVE	DATE	4. REC	UISITION/PURCHASE REQ. NO.	5. PR	OJECT NO	. (If applicable)			
## SSBUED BY CODE CPCD CPC	007			See Bloc	:k 16C	PR-C	POD-15-00031						
US ENVIRONMENTAL Protection Agency 25 West Martin Luther King Drive Mail Code: NND Cincinnati OH 45268 8 MANE AND ADDRESS OF CONTRACTOR (No. event county, Same and 2P Code) CACAMUS GROUP, INC., THE Attn: [(h)(4) TO NATION OF THE CONTRACTOR (No. event county, Same and 2P Code) CACAMUS GROUP, INC., THE Attn: [(h)(4) TO NATION OF THE CONTRACTOR (No. event county, Same and 2P Code) CACAMUS GROUP, INC., THE Attn: [(h)(4) TO NATION OF CONTRACTOR (No. event county, Same and 2P Code) ACTION OF THE CONTRACTOR (No. event county, Same and 2P Code) ACTION OF THE CONTRACTOR (No. event county, Same and 2P Code) ACTION OF THE CONTRACTOR (No. event county, Same and 2P Code) ACTION OF THE CONTRACTOR (No. event county, Same and 2P Code) ACTION OF THE CONTRACTOR (No. event county) ACTION			CODE			7. ADI	MINISTERED BY (If other than Item 6)	CODE	CPOD				
ACTURE (MACA) TO MATCHES STREET 6176737000 MATERTORN MA 024724603 ***CPC_12_033 ***COLOR (MACA) ***COLOR (MACA) ***CPC_12_033 ***COLOR (MACA) ***CPC_12_033 ***COLOR (MACA) ***CPC_12_033 ***	US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD					CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD							
RECORD (b)(4) Second Column	8. NAME AND	ADDRESS OF	CONTRACTOR (No., street	t, county, State and	ZIP Code)	(x) 9A	AMENDMENT OF SOLICITATION NO.		 				
Total Angel Price Tota		1.0	IC., THE			OP	DATED (SEE ITEM 14)						
SEP-C-12-OS3	57 WATER	STREET				10.	positive story Change de la Colonia	0.					
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The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation and secondary one of the following methods: (a) By completing tems 8 and 15, and returning copies of the mendment (b) By acknowledging receipt of this amendment copies of the offer submitted, or (c) By separate lister of telegram which includes a reference to the solicitation and meandment numbers. FALURE OF YOUR ACKNOWLEDGEN TO BE RECEIPED AT THE FLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER it by virtue of this amendment you does to change an ope amendment numbers. FALURE OF YOUR ACKNOWLEDGEN TO BE RECEIPED AT THE FLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER it by virtue of this amendment you does to change an ope and set specified. The ZACCOUNTRIAN TO APPROPRIATION DATA (if required)	CODE (h)(1)		FACILITY COD	E	0	5/28/2013						
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12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: (b)(4) 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. CHECK ONE A THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, stc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) X FAR 52.232-22 Limitation of Funds E.IMPORTANT: Contractor © Is not is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feesible.) DONS Number: (b)(4) The purpose of this modification is to pull (b)(4) of funding from the fiduciary reserve for pay for Indirect Rate Adjustment Voucher FY14-1-13. TOPO: Doug Norton Max Expire Date: 09/27/2017 LIST OF CHANGES: Reason for Modification: Funding Only Action Obligated Amount for this Modification: (b)(4) CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: (b)(4) Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heristofore changed, remains unchanged and in full force and effect. 15A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Noelle Mills 15B CONTRACTOR/OFFEROR 16C. DATE SIGNED 16C. DATE SIGNED 16C. DATE SIGNED 16C. DATE SIGNED 16C. DATE SIGNED	Offers must Items 8 and separate lett THE PLACE virtue of this	acknowledge re 15, and returnin ter or telegram v E DESIGNATED amendment yo	ceipt of this amendment p g cop which includes a reference FOR THE RECEIPT OF (u desire to change an offe	orior to the hour a pies of the amend to the solicitation OFFERS PRIOR or already submitt	nd date specified in the dment; (b) By acknowled n and amendment numb TO THE HOUR AND Do ed, such change may be	solicitati Iging red ers. FA ATE SP e made	ion or as amended, by one of the following met beipt of this amendment on each copy of the off ILURE OF YOUR ACKNOWLEDGEMENT TO ECIFIED MAY RESULT IN REJECTION OF YO	nods: (er subi BE RE OUR O	a) By comp nitted; or (c CEIVED A ⁻ FFER. If by	leting c) By r			
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E.IMPORTANT: Contractor	CHECK ONE	B. THE ABOV appropriation	E NUMBERED CONTRAC on date, etc.) SET FORTH	CT/ORDER IS MO H IN ITEM 14, PU	ODIFIED TO REFLECT RSUANT TO THE AUT	THE ALL	MINISTRATIVE CHANGES (such as changes ' OF FAR 43.103(b).						
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Obligated Amount for this Modification: CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: Continued Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) Noelle Mills 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16C. DATE SIGNED 01/12/2015	DUNS Num The purp for pay TOPO: Do LIST OF	nber: (b bose of t for Ind: bug Norto CHANGES	this modificativect Rate Adon Max Expire	tion is t justment Date: 09	to pull (b)(2 Voucher FY1 9/27/2017	1)	of funding from the fid		ary re	serve			
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Noelle Mills 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16C. DATE SIGNED 16C. DATE SIGNED 17 SIGNATURE 01/12/2015				ne document refe	renced in Item 9A or 10A								
The little 1 The SIGNATURE 01/12/2015	15A. NAME A	ND TITLE OF S	GNER (Type or print)					>EK (<i>1</i>	ype or prin	<i>I</i>			
(Signature of person authorized to sign)	15B. CONTRA	CTOR/OFFERO	DR .		15C. DATE SIGNED	111	Machin Mills	AND AND A STREET	RONIC				
		(Signature of pers	on authorized to sign)			1.	IWOOK I MAN	anin/	HUNG	1/17/7013			

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243
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EM NO.	SUPPLIES/SERVICES	QUANTITY	UNITI	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR ACCOUNTING CODE:				, ,
	13-14-B-87FN-202BD4X22-2505-1387NE3005-001		1		
			2	*	
	Amount changed from $(b)(4)$				
9	Delivery Location Code: CPOD				
,	CPOD				
14	US Environmental Protection Agency				
	26 West Martin Luther King Drive				
	Mail Code: NWD]		
	Cincinnati OH 45268 USA	2	1		
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	Payment:		8		
	RTP Finance Center				
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	US Environmental Protection Agency			Î	
	RTP-Finance Center (D143-02)				
	109 TW Alexander Drive			i	
	Durham NC 27711				*
*1	FOB: Destination				
	Period of Performance: 05/28/2013 to 04/30/2015			z.	
v	All other terms and conditions remain unchanged.				
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AMENDMENT OF SC	LICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE	PAG		PAGES	
2. AMENDMENT/MODIFIC	ATION NO.	3. EFFECTIVE DATE	4. RE0	QUISITION/PURCHASE REQ. NO.			(If applicable)	
008		03/24/2015	PR-C	CPOD-14-00153			5. 4994-1994	
6. ISSUED BY	CODE	CPOD	7. AD	MINISTERED BY (If other than Item 6)	CODE C	POD		
	tal Protection n Luther King D D		CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268					
8. NAME AND ADDRESS	OF CONTRACTOR (No., street	, county, State and ZIP Code)	(x) 9A	A AMENDMENT OF SOLICITATION NO.				
CADMUS GROUP, Attn: (b)(4) 57 WATER STREE 6176737000 WATERTOWN MA 0	T	□ , •,	x E 0	B. DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER N P-C-12-053 001 B. DATED (SEE ITEM 13)	10.			
CODE (b)(4)		FACILITY CODE	1 0	05/28/2013				
[(\(\nu\)(\(\dagger\))		11. THIS ITEM ONLY APPLIES TO A						
Items 8 and 15, and retuseparate letter or telegra THE PLACE DESIGNAT virtue of this amendmen to the solicitation and thi	arning cop am which includes a reference FED FOR THE RECEIPT OF (t you desire to change an offe	oles of the amendment; (b) By acknowled to the solicitation and amendment numb DFFERS PRIOR TO THE HOUR AND D. or already submitted, such change may be prior to the opening hour and date spec	dging re bers. FA ATE SP e made	ion or as amended, by one of the following met ceipt of this amendment on each copy of the of NILURE OF YOUR ACKNOWLEDGEMENT TO ECIFIED MAY RESULT IN REJECTION OF YI by telegram or letter, provided each telegram or	fer submitted BE RECEIV DUR OFFER	d; or (c) l ED AT R. If by	Ву	
See Schedule	FEROFRIATION DATA (# 164	uneuj			ar Service - Deservices	000000000000000000000000000000000000000		
13. THI	S ITEM ONLY APPLIES TO M	ODIFICATION OF CONTRACTS/ORDER	RS. IT N	ODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN	ITEM 1	4.	
				GES SET FORTH IN ITEM 14 ARE MADE IN T DMINISTRATIVE CHANGES (such as changes Y OF FAR 43.103(b).				
30.00		T IS ENTERED INTO PURSUANT TO A		R				
12.50	<u> </u>	of both parties; FA	R 15	52.211-73				
D. OTHER	(Specify type of modification	and authority)						
E. IMPORTANT: Contr	ractor 🔲 is not,	☑ is required to sign this document an	d return	. O copies to the issuin	g office.			
DUNS Number: The purpose of a total of 129 additional cos TOCOR: Doug No LIST OF CHANGE Reason for Mod	(b)(4) f this modifica 50 hours within st to the Gover orton Max Expir ES:	tion is increase the the scope of the PW nment as requested be Date: 09/27/2017	Opt S. I y Ca	solicitation/contract subject matter where feasi tion Period I LOE (790) The LOE increase will be admus in the email dtd 2	by 280 for n	0	rs for	
CHANCES TOD T	LVID AUDINY PALATERA	. 2						
	INE ITEM NUMBER nanged from Opt		de s	ervices in accordance w	ith at	tach	ed	
Continued	imigod jilom opo			,				
		e document referenced in Item 9A or 10		eretofore changed, remains unchanged and in fo				
15A. NAME AND TITLE O	r SIGNER (Type or print)			NAME AND TITLE OF CONTRACTING OFFI	ĢEK (<i>Type</i> с	ir print)		
15B. CONTRACTOR/OFF		. 15C. DATE SIGNED	11	Moelle Mills	LECTRONI SIGNATUR	C	. DATE SIGNED 3/24/2015	
(Signature of	person authorized to sign)						0 (REV 10-83)	

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243
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ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	1	(D)	(E)	(F)
	Performance Work Statement entitled, "Recovery				
	potential screening support." This task order		ΙI		
	award is a result of RFP PR-OW-13-00152		ΙI	2	
			H		
	Level of Effort: 970 to Option Period 1 - Provide				
	services in accordance with attached Performance Work Statement entitled, "Recovery potential				
	screening support." This task order award is a		1 1		
	result of RFP PR-OW-13-00152				
3,,			1 1		
	Level of Effort: 1250				
	Delivery Location Code: CPOD			i	
	CPOD			,	
	US Environmental Protection Agency				
	26 West Martin Luther King Drive	ļ			
	Mail Code: NWD	1			
	Cincinnati OH 45268 USA				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency	*			
	RTP-Finance Center (D143-02)				
	109 TW Alexander Drive Durham NC 27711			×	
	FOB: Destination	ĺ		Ì	
	Period of Performance: 05/28/2013 to 04/30/2015				
	All other terms and conditions remain unchanged.			ŀ	
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2. AMENDMEN	IT/MODIFICATION NO.		3. EFFECTIVE	DATE	4. RE	QUISITION/PURCHASE REQ. NO.	5. PR	OJECT NO). (If applicable)	
010		3	See Bloo	k 16C	PR-	CPOD-15-00108				
6. ISSUED BY		CODE	CPOD		7. A	DMINISTERED BY (If other than Item 6)	CODE	CPOD		
US Envi: 26 West Mail Cod	S. MAIL ONLY) ronmental Protec Martin Luther I de: NWD ati OH 45268				CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268					
8. NAME AND	ADDRESS OF CONTRACTOR	R (No., street	t, county, State and	ZIP Code)	(x) S	A. AMENDMENT OF SOLICITATION NO.	····			
CADMUS G	ROUP, INC., THE									
Attn: (b)(4)				9	B. DATED (SEE ITEM 11)				
57 WATER						A				
61767370					x 1	0A. MODIFICATION OF CONTRACT/ORDER N EP-C-12-053	Ο.			
WATERTOW	N MA 024724603					EP-C-12-053 0001 OB. DATED (SEE ITEM 13)				
0005			FACILITY CO.	NF		V 0 1 2 2 2 2 2 2				
code (p)(4)					05/28/2013				
	numbered solicitation is amend					DMENTS OF SOLICITATIONS		∏is not e		
separate lett THE PLACE virtue of this to the solicit 12. ACCOUNT	EDESIGNATED FOR THE RE- amendment you desire to cha ation and this amendment, and ING AND APPROPRIATION D	a reference CEIPT OF inge an offe d is received	to the solicitatio OFFERS PRIOR or already submit d prior to the ope	n and amendment numb TO THE HOUR AND Do ted, such change may be	ers. F ATE S e mad	eceipt of this amendment on each copy of the off FAILURE OF YOUR ACKNOWLEDGEMENT TO PECIFIED MAY RESULT IN REJECTION OF YO is by telegram or letter, provided each telegram or	BE RE	CEIVED AT	Γ /	
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	13. THIS ITEM ONLY APP	LIES TO M	ODIFICATION O	F CONTRACTS/ORDER	S. IT	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIB	ED IN ITEM	14.	
CHECK ONE		14111				NGES SET FORTH IN ITEM 14 ARE MADE IN T				
	1					ADMINISTRATIVE CHANGES (such as changes TY OF FAR 43.103(b).	in payi	ng office,		
	C. THIS SUPPLEMENTAL A					RITY OF: 2.232-22 Limitation of Funds				
Х	D. OTHER (Specify type of n				u .	Z. ESE ZE BIMICUCION OF EUROS				
	D. OTHER (Specify type of the		and authority)				2 15 33			
E. IMPORTAN	T: Contractor	☐ is not,	x is required t	o sign this document an	d retui	n1 copies to the issuing	g office			
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rotal An	mount for this N	noalti	cation:	QU.UU		3				
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15A. NAME AI	ND TITLE OF SIGNER (Type o	or print)			16/	A. NAME AND TITLE OF CONTRACTING OFFIC	CER (T	ype or print	9	
					No	pelle Mills			g [®] e s	
15B. CONTRA	CTOR/OFFEROR			15C. DATE SIGNED		3. UNITED STATES OF AMERICA		16	C. DATE SIGNED	
(Signature of person authorized to sign) (Signature of Contracting Officer)							141			

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-C-12-053/0001/010

PAGE 2 OF 3

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
			П		
	CHANGES FOR ACCOUNTING CODE:				
	14-15-B-87FN-202BD4X22-25051487NE4002-001		1 1	*	
	Amount changed from \$77,541.00 to \$75,805.00		1 1		
	Percent changed from 74.17281 to 72.51222				
	CHANGES FOR LINE ITEM NUMBER: 3				
	Obligated Amount for this modification: \$1,736.00	1	1 1	1	
	Incremental Funded Amount changed from		1 1		
		Ĭ	1		
	\$105,392.00 to \$107,128.00		1 1		
	NEW ACCOUNTING CODE ADDED:				×20
	Account code:		1 1		
	14-15-B-87FN-202BD4X22-2505-1487NE4002-001	180			
	Beginning FiscalYear 14				
	Ending Fiscal Year 15				
	Fund (Appropriation) B				
	Budget Organization 87FN				
	Program (PRC) 202BD4X22	3			
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization			1	
	DCN-LineID 1487NE4002-001				
	Quantity: 0	ł	1 1		
	Amount: \$1,736.00				
	Percent: 1.62049				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center	10			
	US Environmental Protection Agency RTP-Finance Center (AA216-01)				
		1			
	109 TW Alexander Drive			2	
	www2.epa.gov/financial/contracts Durham NC 27711				¥.
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				*	
	Period of Performance: 05/28/2013 to 04/30/2016				
	All other terms and conditions remain unchanged.				
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2, AMENOMENTIMODIFICATION NO.	3. EFFECTIVE DATE	1	QUISITION/PURCHASE REQ. NO. CPOD=15-00108	S. PRC	JECT NO. (If applicable)
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6. ISSUED BY CODE	E CPOD			a.	CPOD
(FOR U.S. MAIL ONLY)	*	CPC		ion Be	enav
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26 West Martin Luther King	Dire		il Code: NWD	ing bil	
Mail Code: NWD Cincinnati OH 45268		0.000	ncinnati OH 45268		
CINCILITACE ON 40200					
8. NAME AND ADDRESS OF CONTRACTOR (No. 44	uel, county, State and 2IP Code)	(x) S	A. AMENDMENT OF SOLICITATION NO.		
CLANGE CROUD INC. THE					
CADMUS GROUP, INC., THE Attn: (b)(4)			B. DATED (SEE ITEM 11)		
57 WATER STREET		1 1			
6176737000		 	DA. MODIFICATION OF CONTRACT/ORD	FRNO	1.52
WATERTOWN MA 024724603		×	EP-C-12-053	an ive	
			0001		
			OB. DATED (SEE ITEM 13)		
CODE (b)(1)	FACILITY CODE	→ I	05/28/2013		
code (b)(4)	11, THIS ITEM ONLY APPLIES	YO AMEN	DINENTS OF BOLICITATIONS		
The above numbered solicitation is amended as se Offers must acknowledge receipt of this amendmen	toth in item 16. The hour and date s	pacified for	repelot of Offers 📋 is		is not extended.
			MODIFIES THE CONTRACT/ORDER NO. A		
B. THE ABOVE NUMBERED CONTE	RACT/ORDER IS MODIFIED TO REFU RTH IN ITEM 14, PURSUANT TO THE	ECT THE	ADMINISTRATIVE CHANGES (such as cha ITY OF FAR 43 103(b).	ngas in payi	ig office,
C. THIS SUPPLEMENTAL AGREEM	ENT IS ENTERED INTO PURSUANT	TO AUTHO	DRITY OF:		
X By mutual agreement	t; 52.232-20-Limitat	tion c	of Costs		
D. OTHER (Specify type of modifical	ion and authority)				
E. IMPORTANT: Contractor Lis not				WHETEE EAST NAME OF THE PARTY OF	
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: (h)(4) The purpose of this modific					to Option
Period II and 2.) Fully fur	nd Option Period II	•			
TOCOR: Doug Norton Max Exp					
LIST OF CHANGES:					
Reason for Modification :	Funding Only Action				
Total Amount for this Modi					
CHANGES FOR LINE ITEM NUMBE					
Obligated Amount for this	modification: -\$1,7	36.00			
Incremental Funded Amount	changed from \$104,4	25.56	to \$102,689.56		
Continued		464	hamistan skapped co-cles webstered to	nd in full force	and effect.
Except as provided herein, all terms and conditions	of the document referenced in item 9A	OF 1UA, 99	NAME AND TITLE OF CONTRACTING	OFFICER //	ype or print)
TALIDEMAS:	tack Mgr.	- 1	ourtney Stallworth	LA	(
15B. CONTRACTOR/OFFEROR	15C. DATE SIGN		B. UNITED STATES OF AMERICA	· - f= f.f	16C. DATE SIGNED
Foelkern -	. 5/28/1	15	(Signature of Contracting Officer)	700m	- 10/2/15
(Signature of person authorised to sign)			Inthitition as additional disease.	STANDA	RD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53-243
 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

 EP-C-12-053/0001/010
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EM NO.	SUPPLIES/SERVICES	QUANTI		UNIT PRICE	AMOUNT
(A)	(B) [*]	(C)	(D)	(E)	(F)
	CHANGES FOR ACCOUNTING CODE:				
	14-15-B-87FN-202BD4X22-25051487NE4002-00)1			
	Amount changed from \$77,541.00 to \$75,805.0	0	1		
	Percent changed from 74.17281 to 72.51222				
			1		27
	CHANGES FOR LINE ITEM NUMBER: 3		- 1		N
	Obligated Amount for this modification: \$1,	736 00	- 1		
	Incremental Funded Amount changed from	730.00		8	
		8			
	\$105,392.00 to \$107,128.00	15			
				20	
	NEW ACCOUNTING CODE ADDED:			gt	, i
	Account code:				g.
	14-15-B-87FN-202BD4X22-2505-1487NE4002-001			8	
	Beginning FiscalYear 14			*	
	Ending Fiscal Year 15			a a	
	Fund (Appropriation) B	27			190
	Budget Organization 87FN	8			
	Program (PRC) 202BD4X22				
	-				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization			10	
	DCN-LineID 1487NE4002-001				
	Quantity: 0				
	Amount: \$1,736.00				
	Percent: 1.62049				6
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				2
	US Environmental Protection Agency				I
	RTP-Finance Center (AA216-01)	İ			
	109 TW Alexander Drive	Į.			
	www2.epa.gov/financial/contracts				
	Durham NC 27711				d.
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	Period of Performance: 05/28/2013 to 04/30/	2016	1		£
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Section B - Supplies or Services/Prices was revised as follows.

1 - Clauses was revised as follows.
Summary of Clause Changes:
OPTION PERIOD I:
Clause, EPA-B-32-101, is incorporated as follows:
Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE
(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of $(b)(4)$ is allotted to cover estimated cost. Funding in the amount of $(b)(4)$ provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through $04/30/2015$.
(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.
(c) Recapitulation of Funds
RECAP
OPTION PERIOD II:
Clause, EPA-B-32-101, is incorporated as follows:
Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE
(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of $(b)(4)$ is allotted to cover estimated cost. Funding in the amount of $(b)(4)$ is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through $04/30/2016$.
(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.
(c) Recapitulation of Funds
RECAP

Option Period 1 5/01/2014 - 4/30/2015 **Cost Plus Fixed Fee Estimated Cost** Fixed Fee (b)(4)\$27,000.00 Modification 2 Modification 3 \$77,541.00 Modification 6 (\$115.44) Modification 10 (\$1,736.00) **Total Funded** \$102,689.56 **Total Task Order** \$104,541.00 **Balance Unfunded** \$1,851.44 Option Period II 5/01/2015 - 4/30/2016 Estimated Cost **Cost Plus Fixed Fee** (b)(4)Modification 9 \$105,392.00 Modification 10 \$1,736.00 \$107,128.00 **Total Funded Total Task Order** \$107,128.00

\$0.00

Balance Unfunded

AMENDMENT OF SOLICITATION/MODIFI	ICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES				
			1 7				
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. PR-CPOD-16-00039	5. PROJECT NO. (If applicable)				
011 6. ISSUED BY COD	See Block 16C	7. ADMINISTERED BY (If other than Item 6)	CODE CROD				
(FOR U.S. MAIL ONLY) US Environmental Protection 26 West Martin Luther King Mail Code: NWD Cincinnati OH 45268	n Agency	7. ADMINISTERED BY (If other than Item 6) CODE CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268					
8. NAME AND ADDRESS OF CONTRACTOR (No., str CADMUS GROUP, INC., THE Attn: (b)(4) 57 WATER STREET 6176737000 WATERTOWN MA 024724603	eet, county, State and ZIP Code)	9B. DATED (SEE ITEM 11) x 10A. MODIFICATION OF CONTRACT/ORDER EP-C-12-053 0001 10B. DATED (SEE ITEM 13)	NO.				
CODE (b)(4)	FACILITY CODE	05/28/2013					
	11. THIS ITEM ONLY APPLIES TO	O AMENDMENTS OF SOLICITATIONS					
virtue of this amendment you desire to change and reference to the solicitation and this amendment, at 12. ACCOUNTING AND APPROPRIATION DATA (If reference Schedule 13. THIS ITEM ONLY APPLIES TO	offer already submitted, such change may nd is received prior to the opening hour arequired) MODIFICATION OF CONTRACTS/ORDE	ERS. IT MODIFIES THE CONTRACT/ORDER NO. AS D	n or letter makes DESCRIBED IN ITEM 14.				
B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FOR	RACT/ORDER IS MODIFIED TO REFLEC RTH IN ITEM 14, PURSUANT TO THE AU	HE CHANGES SET FORTH IN ITEM 14 ARE MADE IN CT THE ADMINISTRATIVE CHANGES (such as change UTHORITY OF FAR 43.103(b).					
X 52.232-22 and 1552. D. OTHER (Specify type of modification)		AUTHORITY OF:					
E. IMPORTANT: Contractor is not.	is required to sign this document a	and return 1 copies to the issu	ina office.				
DUNS Number: (b)(4) The purpose of this modific	cation is to: I by 695 hours in acc For Option Period I a	including solicitation/contract subject matter where feat cordance with the revised PW as follows:					
CPFF: \$107,128 -\$87,10 2) Exercise Option Period I 3) Shift \$87,108 from Option TOCOR: Doug Norton Max Expinonation	ON Period II to Option.re Date: 09/27/2017						
Except as provided herein, all terms and conditions of 15A. NAME AND TITLE OF SIGNER (Type or print)	rine accument referenced in Item 9 A or 1	10A, as heretofore changed, remains unchanged and it 16A. NAME AND TITLE OF CONTRACTING OFF Kathleen Rechenberg					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Hathleen Rechardery	16C. DATE SIGNED 16C. DATE SIGNED 04/11/2016				
(Signature of person authorized to sign)		(Signature of Contracting Officer)	STANDARD FORM 30 (REV. 10.83)				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-12-053/0001/011

PAGE 2

OF 7

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
· · · · · · · · · · · · · · · · · · ·	LIST OF CHANGES:				
	Reason for Modification : Exercise an Option			e .	
	Period Of Performance End Date changed from				
	30-APR-16 to 30-APR-17				
	·]		a	
	New Total Amount for this Version: \$129,736.00				
	New Total Amount for this Award: \$448,534.00				
		1			i i
	CHANGES FOR LINE ITEM NUMBER: 3				
	Description changed from Option Period 2 -	į			,
	Provide services in accordance with attached	1			
	Performance Work Statement entitled, "Recovery	j			
	potential screening support." This task order	İ			
	award is a result of RFP PR-OW-13-00152				
	Level of Effort: 970 to Option Period 2 - Provide				
	services in accordance with attached Performance				
	Work Statement entitled, "Recovery potential			1	
	screening support." This task order award is a		li		
	result of RFP PR-OW-13-00152			i	
	Legale of RFF FK-OW-15-00132	ļ			
	Level of Effort: 275				į.
	Total Amount changed			w B	1
	from \$107,128.00 to \$20,020.00				
	Obligated Amount for this modification:)		w	
	-\$87,108.00				:
	Incremental Funded Amount changed from	ł			
	\$107,128.00 to \$20,020.00				
					1
	CHANGES FOR DELIVERY LOCATION; OW	· ·			
	Amount changed from \$107,128.00 to \$20,020.00				8
			1 1		
	CHANGES FOR ACCOUNTING CODE:	,			
	15-16-B-87FN-202BD4X22-2505-1587NE5003-001				2.
	Amount changed from \$105,392.00 to \$18,284.00			vi	
	Percent changed from 98.37951 to 99.38037	,			ū.
4	CHANGES FOR LINE ITEM NUMBER: 4				
	Obligated Amount for this modification: \$87,108.00]]		
	Incremental Funded Amount changed from \$0.00 to				
	\$87,108.00		((
	Exercised option				
	NEW DELIVERY LOCATION RECORD:				*
	Quantity: 0				
	Amount: \$109,716.00	1	27		
	Days after award: Unassigned	,			
	Shipping Address:	e			ii.
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	Continued				
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ITEM NO.	SUPPLIES/SERVICES	QUANTIT	YUNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	US Environmental Protection Agency	0			
	26 West Martin Luther King Drive				
	Cincinnati OH 45268				
	,				
	Mark For Address:				
	NEW ACCOUNTING CODE ADDED:		i I		
	Account code:				
	15-16-B-87FN-202BD4X22-2505-1587NE5003-001		1 1		
	Beginning FiscalYear 15 Ending Fiscal Year 16		1		
	Fund (Appropriation) B				
	Budget Organization 87FN				
	Program (PRC) 202BD4X22			v ,	
	Budget (BOC) 2505				
	Job # (Site/Project)				*
	Cost Organization				
	DCN-LineID 1587NE5003-001			ļ	
	Quantity: 0				
	Amount: \$87,108.00				
	Percent: 79.39407				
	Subject To Funding: N	[Ì	
	Payment Address:	1			
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)	}			
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	9				
	Delivery Location Code: OW				
	OW				
	US Environmental Protection Agency				
	26 West Martin Luther King Drive				
	Cincinnati OH 45268 USA				
			*		
	FOB: Destination Period of Performance: 05/28/2013 to 04/30/2017	:			
	In consideration of the modification agreed to				
	herein as complete equitable adjustments for the	ļ			
	Contractor's proposal dated April 7, 2016, the				
	Contractor hereby releases the Government from	1			
	any and all liability under this contract for	7.7			
	further equitable adjustments attributable to	1			
	such facts or circumstances giving rise to the	1			
	proposal. All other terms and conditions remain	1			
	unchanged.	1	1		5
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PERFORMANCE WORK STATEMENT TSAWP Multiple-Award Contracts EP-C-12-053 Task Order 001

RECOVERY POTENTIAL SCREENING SUPPORT

A: BACKGROUND

This Task Order will support EPA in assisting Recovery Potential Screening (RPS) efforts in states. Contractor-assisted RPS support from EPA to states dates back to 2005 and has involved projects in 8 states during the past year. Additional projects in new and existing states are anticipated during the next several years.

Recovery Potential Screening (RPS) is a technical assessment method for systematically comparing relative restorability among many different impaired waters or watersheds based on multi-metric indices drawn mostly from landscape and monitoring data. The screening is usually performed to identify more restorable waters that are good candidates for restoration investments. The RPS method can be customized to a wide variety of comparative assessment and decision support uses. RPS is applicable for setting priorities among 303(d) listed waters or watersheds, determining the prioritized schedule of TMDL development, setting priorities for TMDL implementation, and developing other restoration strategies that can be optimized by careful consideration of restorability and its interplay with other factors. Recovery potential screening has already been demonstrated in several states and thoroughly documented in an EPA website (see http://www.epa.gov/rps).

Most RPS projects are comprehensive, multi-purpose statewide efforts in which EPA and the contractor facilitate identification of the state's intended uses of RPS, identify appropriate metrics, gather and measure data, demonstrate RPS techniques in state workshops, and transfer RPS tools and data products. Projects also can be more narrowly defined, as in the 2012-2013 multi-state demonstration of RPS as a general framework for watershed prioritization intended to encourage development and implementation of effective state strategies for managing nitrogen and phosphorus pollution. Either or both types of project may require support under this Task Order.

Below are descriptions of five tasks under this Task Order. Tasks 2 through 4 are state project-specific and would be repeated for each individual state project; Tasks 1 and 5 are not individual state project-specific. Tasks 2, 3 and 4 constitute most of the level of effort, estimated by EPA as 15% Task 2, 50% Task 3 and 20% Task 4, with Tasks 1 and 5 as the remaining 15% of the level of effort. The contractor shall provide RPS support to EPA in specific state projects in the Base Period and in each Option Period, as described in the Tasks below. All deliverables must be in an electronic format supportable by EPA at the end of the period of performance for this Task Order.

B: TASKS

Task 1. Quality Management Plan, QAPP and progress reports

The contractor shall adhere to its Quality Management Plan that is customized for this contract. In addition, this Task Order involves the use of existing data. Accordingly, EPA policy requires that an approved Quality

Assurance Project Plan (QAPP) be in place before any work begins that involves the collection, generation, evaluation, analysis or use of environmental data. Previous RPS contractor assignments have resulted in the development of QAPPs that comprehensively and adequately address all the elements of statewide RPS projects, and these QAPPs are identified below* and are included as attachments to the PWS.

Therefore, in order to comply with this requirement, the contractor shall follow the applicable QAPP consistent with EPA Requirements for Quality Assurance Project Plans: EPA QA/R-5 (http://www.epa.gov/quality/qs-docs/r5-final.pdf). All QA documentation prepared under this Task Order shall be considered non-proprietary, and shall be made available to the public upon request. The contractor shall immediately notify the EPA TOCOR of any QA problems encountered that may impact the performance of this Task Order, with recommendations for corrective action.

The contractor also shall provide EPA with monthly reports of QA-related activities performed during implementation of this Task Order. These monthly QA reports shall identify QA activities performed to support implementation of this Task Order, problems encountered, and corrective actions taken. The contractor may include this as a part of the contract-required monthly financial/technical progress report.

Existing QAPPs can need updates if changes that affect QA steps have occurred. Contractor QMPs are periodically revised which may or may not affect an existing QAPP from an earlier year. Ongoing usage of QAPPs under this Task Order also can reveal the need for any updates. The contractor shall review the existing QAPP, check for necessary revisions based on the factors above, and report in writing to the TOCOR on the necessity of any updates or modifications. The contractor also shall notify the EPA TOCOR at any time during the Task Order if changes to the QAPP are warranted (e.g., due to organizational changes, revised technical approaches). If, during the Period of Performance of this Task Order, the EPA TOCOR determines revisions to the QAPP are necessary, the contractor shall submit a revised QAPP, including the revision summary, within 10-15 business days after receiving written technical direction to do so. The contractor shall provide a revised QAPP, then a final that responds to EPA's written comments within 5 business days of receipt of EPA's comments on the draft.

In addition to the brief monthly reports required by the contract, the contractor shall also transmit to the EPA TOCOR a brief, emailed progress report twice an option year. These reports are due no less than 60 days before the halfway point, and 60 days before the end, of the Task's current option year. This report shall summarize the status of all RPS activities and related funding under this Task up to the report date, and estimate the projected activities and related funding that is expected to be used in the ensuing 60-day period.

Task 1 Deliverables:

- 1a. Written summary of QAPP update check.
- 1b. QAPP update, only if requested through Technical Direction.
- 1c. Progress report pre-midyear
- 1d. Progress report pre-end of year
- 1e. Monthly progress reports per contract requirement
- * The currently active QAPP is the update of July 20, 2015:

Filename 150720RPS QAPP_Op2update.pdf

Task 2: RPS Project Kickoff

This Task is project-specific, meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPOTOCOR through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOCOR. Three RPS projects are anticipated for this Task Order per period. The TOPOTOCOR will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

The contractor shall support RPS project initiation activities as described on the RPS website (Reference PWS Section A: Background) in steps 1 and step 2 (through 'select candidate indicators'). EPA only may identify states or other clients for which RPS project support shall occur. The Contractor shall be responsible for arranging and carrying out project kickoff elements as described in this Task Order. Typically the kickoff phase involves EPA, contractor and state involvement in:

- One to two conference calls and supporting email dialogue to plan a kickoff event;
- Preparation of agenda, handouts and available boilerplate presentation materials;
- Contractor travel for an RPS expert and GIS expert to a state hosted location;
- A day-long project kickoff meeting to overview the project, identify all possible RPS applications of interest to the state, and identify relevant recovery potential metrics and data sources;
- Processing of meeting notes into an RPS applications list and RPS candidate metrics spreadsheet; and
- Follow-up communications as needed to share and refine above materials.

Task 2 Deliverables (per project):

- 2a. Kickoff meeting prep materials package
- 2b. Facilitated onsite kickoff meeting
- 2c. RPS applications list (format provided by TOCOR)
- 2d. RPS candidate metrics spreadsheet (format provided by TOCOR)

TASK 3: Recovery Potential Metrics Compilation

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPOTOCOR through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOCOR. Three RPS projects are anticipated for this Task Order per period. The TOPOTOCOR will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS

project.

Based on the information gathered in Task 2, for each RPS project the contractor shall continue to support RPS project steps 2 through 4 as detailed online. This Task is usually the bulk of effort in any RPS project, and involves substantial interaction with state and other data source owners, communication to finalize how specific indicators will be measured (may involve 2 or more iterations of an indicators status spreadsheet while under development), and substantial time measuring and compiling indicators into a master RPS database file. The RPS database shall be a geospatial database in file formats supported by EPA and the state client (e.g., ESRI file geodatabase). The contractor shall document all assumptions and methods used in measuring indicators. At any point during development, the draft master attributes file (RPS indicator values for all watersheds being screened) shall be available in spreadsheet format upon request for circulation among project participants. Under this Task, all candidate metrics identified in Task 2 should eventually be compiled, altered, or rejected, with TOCOR approval. Near or at this completion stage, the contractor shall also demonstrate the RPS scoring tool using an example application of interest and a selection of appropriate metrics available for the state, providing this to EPA and the state as a first demonstration of the draft RPS database. Note that some uncertainty in duration of this project phase is likely due to variable state availability, capacity, or data source issues, any of which can disrupt rigid project timelines.

Task 3 Deliverables (per project):

- 3a. RPS indicators status spreadsheet;
- 3b. RPS metrics master database file (attributes spreadsheet);
- 3c. Assumptions and methods used in measuring RPS metrics;
- 3d. Initial RPS scoring demonstration for client state

TASK 4: RPS Workshop and Tech Transfer

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOCOR through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOCOR. Three RPS projects are assumed anticipated for this Task Order per period. The TOCOR will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

At the point of RPS database completion or near-completion a tech transfer workshop shall be arranged and carried out by the contractor in coordination with EPA and the state participants, as an onsite, two-day event. This event reconvenes the participants in the state kickoff meeting to:

- Present the database developed from their kickoff specifications;
- Refresh the RPS techniques and applications of interest to the state;
- Carry out and personally assist hands-on training exercises using state RPS data;
- Archive all state applications files (screening purpose, indicators selected, weights, watersheds screened, results files including scoring spreadsheets, bubble plots and maps) carried out during

- workshop exercises delivered to EPA TOCOR;
- Compile a follow-up summary of the workshop transmitting files of interest (e.g., RPS products from workshop exercises, any follow-up actions) to participants.

The transfer workshop shall also identify opportunities for a last round of data compilation or applications assistance that may help the state apply RPS. These additional data development tasks may be authorized by the TOCOR through written Technical Direction only. When the project is considered essentially complete according to the TOCOR, the contractor shall copy the entire file geodatabase (or other format approved by TOCOR) to the EPA and the state.

Task 4 Deliverables (per project):

- 4a. Workshop materials package development;
- 4b. Facilitated onsite two-day workshop;
- 4c. Archived workshop applications files;
- 4d. Follow-up workshop summary;
- 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state.

TASK 5: Recovery Potential Tools, Data and Methods Improvements

This Task is not project-specific, and covers contractor support for specific RPS improvements authorized by the TOCOR only through written Technical Direction.

A variety of RPS tools and information resources have been developed over the years to assist state RPS users. Needs to revise and improve RPS tools may arise from time to time, but the specifics cannot be predicted in advance. Thus, this Task Order describes the main areas of potential improvements at a general level of detail with clarifying details to be provided through Technical Direction. Specific improvements in any of these areas shall be carried out by the contractor only if directed by the TOCOR through written Technical Direction that will clarify the details in one or more of the general topic areas discussed below:

A. Website revisions

The contractor shall support changes as required by the EPA TOCOR to correct or improve the website's functionality, if user feedback to EPA reveals any such needs. The RPS website contains a variety of technical tools and informational resources designed to help states assess and compare the restorability of their impaired waters. These resources include but are not limited to: screening methodology directions, recovery potential indicators lists, indicator reference sheets, a recovery literature database, results plotting tools, index calculation tools, screening project reports and papers, and links to related tools from other websites. If directed, the contractor shall develop replacements or additions to the website in formats that can be reviewed and approved by the EPA TOCOR and then transferred to the EPA web group with an EPA request for website modification.

B. Tool enhancements

Example tools include the RPS auto-scoring spreadsheet, the bubble-plotting script (see website), and ArcGIS processing methods or tools developed for measuring RPS indicators. If directed, the contractor shall improve the functionality of the recovery potential scoring spreadsheet, the results plotting program, or other existing or new RPS tools that will help RPS users calculate and display their own recovery potential screening results.

C. Information resources improvements

Examples of RPS information resources include recovery potential indicators, indicator reference sheets, and the Restoration and Recovery Literature Database (see website). The contractor shall continue adding to the content of existing and/or new indicators and their related indicator reference sheets if directed. The enhancements may include adding more bulletized excerpts from technical publications, measurement technique options for each indicator, and specific URL hot links to commonly available data sources. The contractor shall also incrementally add to the Restoration and Recovery Literature Database, by adding papers used and referenced in the indicator reference sheets; additional papers may be provided by the EPA TOCOR or found by the contractor if requested by the TOCOR through technical direction to search the technical literature and other sources. The most recent version of the Database shall be updated prior to the end of the Task Order project period.

D. Methodology improvements

The contractor shall revise and improve specific components of the screening methodology if directed. Examples of methodological components that may be selected for improvement are: brief written directions for correlation analysis among the indicators; a brief written approach for weighting indicators; a brief written account of statistical applications that could be used with screening results; and, other small methodological components that can be improved.

E. Data sources

The GIS data often used in RPS projects are often available as national datasets from which the same RPS indicator may be calculated the same way in several individual state projects. It is generally cost-effective to track the availability of existing metrics already measured on a watershed basis, as well as to nationally measure an indicator that is highly likely to be used in multiple state projects. If directed, the contractor shall make national-scale indicator datasets available to EPA and to multiple RPS projects by one or more of the following:

- Summarize contact information and data access procedures for existing, publicly available datasets already measured on a commonly used geospatial unit (e.g., HUC8, HUC12, catchment);
- Obtain national-scale indicator datasets useful for RPS and measure indicator values on a commonly used geospatial unit;
- Document the processing method (e.g., create an ArcGIS model) tracing the steps for measuring the indicator value
- Combine multiple national datasets in order to measure a new indicator or index value on a commonly used geospatial unit.

Task 5 Deliverables:

- 5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR
- 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR
- 5c. RPS information resources improvements, if specified in written Technical Direction by EPA TOCOR
- 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR
- 5e. RPS nationally measured datasets and related measurement tools or methods, if specified in written Technical Direction by EPA TOCOR

C. SCHEDULE OF BENCHMARKS, DELIVERABLES & MILESTONES:

22	Base Period: 12 months	
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
1	1a. Written summary of QAPP update check.	Within 30 days of TO Award
	1b. QAPP update, if requested through Technical	10-15 business days after receipt
1	Direction.	of written technical direction
1	1. Progress report pro midway	NLT 60 days prior to midpoint of
.	1c. Progress report pre-midyear	base year
1	1d. Progress report pre-end of year	NLT 60 days prior to end of base
		year
1	1e. Monthly progress reports per contract	As specified in contract
-	requirement	, is specified in certains
	STATE 1 PROJECT	
2 - 4	(see detailed deliverables 2a thru 4e below; these	Day 0 – Day 180 of Task year
	are repeated for each state project allowing for	
	different start times during the Task year)	
B B	STATE 2 PROJECT	
2 - 4	(see detailed deliverables 2a thru 4e below; these	Day 90- Day 270 of Task year
	are repeated for each state project allowing for	
	different start times during the Task year)	
	STATE 3 PROJECT	
2 - 4	(see detailed deliverables 2a thru 4e below; these	Day 180 – Day 360 of Task year
	are repeated for each state project allowing for	
	different start times during the Task year) STATE PROJECT DETAILED DELIVERABLES AN	D MUESTONES
	TATE PROJECT DETAILED DELIVERABLES AN	Within 5 days of beginning of each
2	2a. Kickoff meeting prep materials package	state project
		Within 30 days of beginning of
2	2b. Facilitated onsite kickoff meeting	each state project
	2c. RPS applications list (format provided by	Within 10 days after kickoff
2	TOCOR)	meeting
	2d. RPS candidate metrics spreadsheet (format	Within 10 days after kickoff
2	provided by TOCOR)	meeting
		5 business days after receipt of
3	3a. RPS indicators status spreadsheet	written technical direction
	Services (ICCO) - An instituted detailed and all adjustments made in [] - Solution of the line with	[incrementally as needed]
_	3b. RPS metrics master database file (attributes	Within 120 days of beginning of
3	spreadsheet)	each state project
_	3c. Assumptions and methods used in measuring	Within 120 days of beginning of
3	RPS metrics;	each state project
-	3d. Initial RPS scoring demonstration for client	Within 130 days of beginning of
3	state	each state project
4	4a. Workshop materials package development;	Within 140 days of beginning of

		each state project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of
		each state project
4	4c. Archived workshop applications files	Within 10 days after meeting [day 170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [day 170]
4	4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state	Within 180 days of beginning of each state project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	PERIOD AS NEEDED
	5a. RPS website improvements, if specified in	10-15 business days after receipt
5	written Technical Direction by EPA TOCOR	of written technical direction
5	5b. RPS tool enhancements, if specified in written	10-15 business days after receipt
J	Technical Direction by EPA TOCOR	of written technical direction
5	5c. RPS information resources improvements, if	10-15 business days after receipt
J	specified in written Technical Direction by TOCOR	of written technical direction
5	5d. RPS methodology improvements, if specified in	10-15 business days after receipt
	written Technical Direction by EPA TOCOR	of written technical direction
	5e. RPS nationally measured datasets and related	10-15 business days after receipt
5	tools/methods, if specified in written Technical	of written technical direction
New Training State of the Control	Direction by EPA TOCOR	
	Option Period 1: 12 months	
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
1	1a. Written summary of QAPP update check.	Within 30 days of beginning of new Option Period
1	1b. QAPP update, if requested through Technical	10-15 business days after receipt
-	Direction.	of written technical direction
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of
-		option year
1	1d. Progress report pre-end of year	NLT 60 days prior to end of option year
1	1e. Monthly progress reports per contract	As specified in contract
	requirement	The state of The control transfer when the state of the control of
2 - 4	requirement STATE 4 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 0 – Day 180 of Task year
2 - 4	STATE 4 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for	

2-1	are repeated for each state project allowing for	A A A A A A A A A A A A A A A A A A A
	different start times during the Task year)	. *
	STATE PROJECT DETAILED DELIVERABLES AN	D MILESTONES # #
2	2a. Kickoff meeting prep materials package	Within 5 days of beginning of nev State project
2	2b. Facilitated onsite kickoff meeting	Within 30 days of beginning of new State project
2	2c. RPS applications list (format provided by TOCOR)	Within 10 days of kickoff meeting
2	2d. RPS candidate metrics spreadsheet (format provided by TOCOR)	Within 10 days of kickoff meeting
3	3a. RPS indicators status spreadsheet	5 business days after receipt of written technical direction [incrementally as needed]
3	3b. RPS metrics master database file (attributes spreadsheet)	Within 120 days of beginning of new State project
3	3c. Assumptions and methods used in measuring RPS metrics;	Within 120 days of beginning of new State project
3	3d. Initial RPS scoring demonstration for client state	Within 130 days of beginning of new State project
4	4a. Workshop materials package development;	Within 140 days of beginning of new State project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of new Option Period
4	4c. Archived workshop applications files	Within 10 days after meeting [da 170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [da 170]
4	4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state	Within 180 days of beginning of new state project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	PERIOD AS NEEDED
5	5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR	10-15 business days after receipt of written technical direction
5	5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
Section 10	Option Period 2: 12 months	

TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
1	1a. Written summary of QAPP update check.	Within 30 days of beginning of new Option Period
1	1b. QAPP update, if requested through Technical Direction.	10-15 business days after receipt of written technical direction
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of option year
1	1d. Progress report pre-end of year	NLT 60 days prior to end of option year
1	1e. Monthly progress reports per contract requirement	As specified in contract
	RPS TASKS OCCURRING THROUGHOUT PROJECT	PERIOD AS NEEDED
5	5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR	10-15 business days after receipt of written technical direction
5	5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
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	Option Period 3: 12 months	
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
1	1a. Written summary of QAPP update check.	Within 30 days of beginning of new Option Period
1	1b. QAPP update, if requested through Technical Direction.	10-15 business days after receipt of written technical direction
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of option year
1	1d. Progress report pre-end of year	NLT 60 days prior to end of option year
1	1e. Monthly progress reports per contract requirement	As specified in contract
2 - 4	STATE 10 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 0 – Day 180 of Task year
2 - 4	STATE 11 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 90– Day 270 of Task year

2 - 4	STATE 12 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 180 – Day 360 of Task year
	STATE PROJECT DETAILED DELIVERABLES AN	D MILESTONES
2	2a. Kickoff meeting prep materials package	Within 5 days of beginning of new State project
2	2b. Facilitated onsite kickoff meeting	Within 30 days of beginning of new State project
2	2c. RPS applications list (format provided by TOCOR)	Within 10 days after kickoff meeting
2	2d. RPS candidate metrics spreadsheet (format provided by TOCOR)	Within 10 days after kickoff meeting
3	3a. RPS indicators status spreadsheet	5 business days after receipt of written technical direction [incrementally as needed]
3	3b. RPS metrics master database file (attributes spreadsheet)	Within 120 days of beginning of new State project
3	3c. Assumptions and methods used in measuring RPS metrics;	Within 120 days of beginning of new State project
3	3d. Initial RPS scoring demonstration for client state	Within 130 days of beginning of new State project
4	4a. Workshop materials package development;	Within 140 days of beginning of new State project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of new State project
4	4c. Archived workshop applications files	Within 10 days after meeting [day 170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [day 170]
4	4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state	Within 180 days of beginning of new State project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	PERIOD AS NEEDED
5	5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR	10-15 business days after receipt of written technical direction
5	5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction
5	5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR	10-15 business days after receipt of written technical direction

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Option Period 4: 11 months		
TASK	BENCHMARK / DELIVERABLE / MILESTONES	SCHEDULE
1	1a. Written summary of QAPP update check.	Within 30 days of beginning of new Option Period
1	1b. QAPP update, if requested through Technical Direction.	10-15 business days after receipt of written technical direction
1	1c. Progress report pre-midyear	NLT 60 days prior to midpoint of option year
1	1d. Progress report pre-end of year	NLT 60 days prior to end of option year
1	1e. Monthly progress reports per contract requirement	As specified in contract
2 - 4	STATE 13 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 0 – Day 180 of Task year
2 - 4	STATE 14 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 90- Day 270 of Task year
2 - 4	STATE 15 PROJECT (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)	Day 180 – Day 360 of Task year
	STATE PROJECT DETAILED DELIVERABLES AN	D MILESTONES
2	2a. Kickoff meeting prep materials package	Within 5 days of beginning of new State project
2	2b. Facilitated onsite kickoff meeting	Within 30 days of beginning of new State project
2	2c. RPS applications list (format provided by TOCOR)	Within 10 days after kickoff meeting
2	2d. RPS candidate metrics spreadsheet (format provided by TOCOR)	Within 10 days after kickoff meeting
3	3a. RPS indicators status spreadsheet	5 business days after receipt of written technical direction [incrementally as needed]
3	3b. RPS metrics master database file (attributes spreadsheet)	Within 120 days of beginning of new State project
3	3c. Assumptions and methods used in measuring RPS metrics;	Within 120 days of beginning of new State project
3	3d. Initial RPS scoring demonstration for client state	Within 130 days of beginning of new State project
4	4a. Workshop materials package development;	Within 140 days of beginning of

		new State project
4	4b. Facilitated onsite two-day workshop	Within 160 days of beginning of new State project
4	4c. Archived workshop applications files	Within 10 days after meeting [day 170]
4	4d. Follow-up workshop summary	Within 10 days after meeting [day 170]
4	4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state	Within 180 days of beginning new state project
	RPS TASKS OCCURRING THROUGHOUT PROJECT	PERIOD AS NEEDED * * * * * *
5	5a. RPS website improvements, if specified in	10-15 business days after receipt
3	written Technical Direction by EPA TOCOR	of written technical direction
5	5b. RPS tool enhancements, if specified in written	10-15 business days after receipt
3	Technical Direction by EPA TOCOR	of written technical direction
E	5c. RPS information resources improvements, if	10-15 business days after receipt
3	specified in written Technical Direction by TOCOR	of written technical direction
5	5d. RPS methodology improvements, if specified in	10-15 business days after receipt
5	written Technical Direction by EPA TOCOR	of written technical direction
5	5e. RPS nationally measured datasets and related	10-15 business days after receipt
	tools/methods, if specified in written Technical	of written technical direction
	Direction by EPA TOCOR	of written technical direction
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END OF TABLE		

When the Task Order reaches 30 calendar days prior to the end of the Period of Performance in a given period, the contractor shall make a determination that the deliverables, milestones, benchmarks, and any outstanding technical direction from the TOCOR, will be satisfactorily completed in the form requested in the PWS by the end of the Period of Performance and for the remaining funding that is available.

If the contractor determines one or more of the above-referenced items will not be able to be completed in the requested form within the period of performance and with the available funding, the contractor shall notify the TOCOR and the CO immediately. Within 5 business days of said notification, the TOCOR in coordination with the CO will provide technical direction concerning use of the remaining funding to prepare and furnish to the TOCOR all interim draft deliverables, interim work products, and any working files in an electronic format which is supported by EPA, for eventual continuation of the project after the end date of the Task Order.

D. REPORTING

All documentation and reporting under this Task Order shall be in compliance with contract requirements.

E. DELIVERABLES AND GENERAL PERFORMANCE:

The contractor shall participate in meetings and conference calls arranged by the EPA Task Order Project Officer. The contractor shall, when requested by the TOCOR, provide supporting documentation when EPA is

reviewing draft deliverables to facilitate EPA review and approval of the Contractor's work. Documentation shall include the electronic files and detailed, written explanation of all steps and decisions. The Contractor shall comply with this request when it is received from the TOCOR regardless of whether such a request is described in the individual tasks of this PWS. The Contractor shall furnish this information in such manner that no proprietary software will be needed for EPA to read, interpret, replicate or model any work product of this agreement, unless otherwise noted in this PWS or by written permission of the EPA TOCOR. The objective is that anyone with the appropriate skill level can use the information produced under this Task Order to check or duplicate the Contractor's work for replication and/or verification. With this understanding of how this Task Order's data will be used, any elements essential to successfully replicating analysis shall be provided to EPA in a commonly-used format.

The Contractor shall provide both scientific/technical and editorial review as defined in section 2.6 of the Prime Contract Performance Work Statement on any Task Order draft product before submission to the EPA TOCOR for review. This process does not need to be performed by an independent peer reviewer. All editorial review comments shall be addressed before deliverables are furnished to the EPA TOCOR for review (in the case of draft deliverables) or acceptance (in the case of final deliverables); and any questions raised by scientific/ technical review shall be either addressed or discussed with the EPA TOCOR prior to the contractor furnishing draft deliverables.

Upon receipt of written technical direction from the TOCOR, the contractor shall furnish:

- <u>All deliverables (draft and final)</u> to EPA shall be furnished in an electronic version and in an electronic format that EPA can support (see TSAWP Contract PWS Section 4.0 Deliverables).
- All final deliverables to EPA shall include one (1) electronic copy and a transmittal email that
 describes the attached deliverable and summarizes QA procedures applied in its development. All
 final deliverables shall be prepared according to EPA publication guidelines and shall be compliant with
 Section 508 of the Americans with Disabilities Act. All electronic and information technology (eit) and
 all EIT deliverables be Section 508 compliant in accordance with the policies referenced at
 http://www.epa.gov/accessibility/. The contractor shall include documentation which indicates that
 the contractor has tested the deliverable against applicable Section 508 Standards.

All submittals to EPA shall be formatted as described below.

Electronic submissions shall be made in the following manner: electronic Microsoft Word© for any written reports, summaries or analysis documents, Microsoft Excel© format for any and all spreadsheets, ESRI file Geodatabase (or other format approved by the EPA TOCOR) for geospatial datasets. **Final electronic submissions** shall be on Compact Disk (CD) or Digital Versatile Disc (DVD) if too large to email as attachments or deliver via FTP. Every electronic document and all of the sections, text, graphs, charts or figures shall be unlocked, open and editable so that EPA may make further changes.

Appropriate electronic format that is supported by EPA and printing of all GIS data layers, maps, photos, bench sheets and other written material not easily printed or saved in the above formats shall be discussed and a format agreed upon with the EPA TOCOR prior to submittal by the contractor.

F. ANTICIPATED TRAVEL

All travel under this Task Order shall be in compliance with contract requirements and only according to specific Technical Direction. (See contract clause H-17). Travel is presently anticipated to be necessary for two onsite events involving two contractors, in each state RPS project, unless otherwise directed by the TOCOR.

G. CONTRACTOR IDENTIFICATION

Contractor personnel shall always identify themselves as Contractor employees by name and organization and physically display that information through an identification badge. Contractor personnel are prohibited from acting as the Agency's official representative.

The Contractor shall refer any questions relating to the interpretation of EPA policy, guidance, or regulation to the EPA Task Order Contracting Officer.

H. Conference/Meeting Guidelines and Limitations:

The EPA projects that none of the individual meetings identified in these tasks will exceed a total cost of \$20,000. No conferences shall occur under this Task Order. The contractor shall immediately notify the EPA Contracting Officer, CL-COR and TOCOR of any anticipated individual event involving support for a meeting that may potentially incur \$20,000 or more in cost during performance. After notifying EPA of the potential to reach this threshold, the Contractor shall not proceed with the task(s) until authorized to do so by the Contracting Officer.

I. Quality Assurance Surveillance Plan: per contract requirements

J. Attachments

The currently active QAPP is the update of July 20, 2015:

Filename 150720RPS QAPP_Op2update.pdf